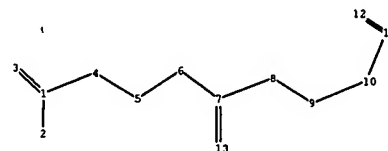
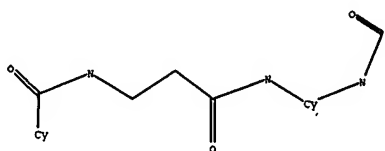


EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	521	(546/314).CCLS.	USPAT; USOCR	OR	OFF	2006/07/12 10:55
L2	578	(546/314).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/12 10:55
L3	778	(544/106).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/12 10:55
L4	1013	(544/336).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/12 10:55
L5	795	(546/114).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/12 10:55
L6	530	(546/115).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/12 10:56
L7	1001	(I2 or I3 or I4 or I5 or I6) and amide	USPAT	OR	OFF	2006/07/12 10:58
L8	304	(I2 or I3 or I4 or I5 or I6) and amide	US-PGPUB	OR	OFF	2006/07/12 10:58



chain nodes :

1 2 3 4 5 6 7 8 9 12 13

ring nodes :

10 11

chain bonds :

1-2 1-3 1-4 4-5 5-6 6-7 7-8 7-13 8-9 9-10 11-12

ring bonds :

10-11

exact/norm bonds :

1-2 1-3 1-4 4-5 7-8 7-13 8-9 9-10 10-11 11-12

exact bonds :

5-6 6-7

Match level :

1:CLASS 2:Atom 3:CLASS 4:CLASS 5:Atom 6:CLASS 7:CLASS 8:CLASS
9:CLASS 10:CLASS 11:CLASS 12:CLASS 13:CLASS

=> s l11

L12 3 L11

=> d l12 ibib hitstr 1-3

L12 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:975634 CAPLUS

DOCUMENT NUMBER: 143:230189

TITLE: Preparation of β -amino acid derivatives as factor Xa inhibitors

INVENTOR(S): Urmann, Matthias; Nazare, Marc; Wehner, Volkmar; Matter, Hans; Bauer, Armin; Wagner, Michael

PATENT ASSIGNEE(S): Aventis Pharma Deutschland GmbH, Germany

SOURCE: Eur. Pat. Appl., 87 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1571154	A1	20050907	EP 2004-4904	20040303
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK			
WO 2005095440	A1	20051013	WO 2005-EP1736	20050219
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: EP 2004-4904 A 20040303

OTHER SOURCE(S): MARPAT 143:230189

IT 697284-55-2P 863015-59-2P 863015-60-5P

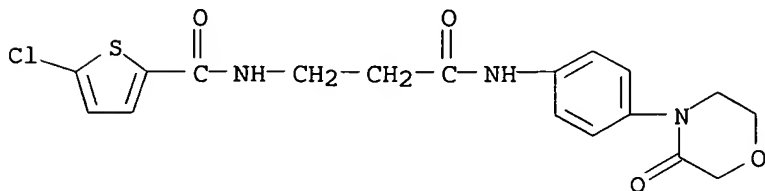
863015-63-8P 863015-67-2P 863015-68-3P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of β -amino acid derivs. as factor Xa inhibitors)

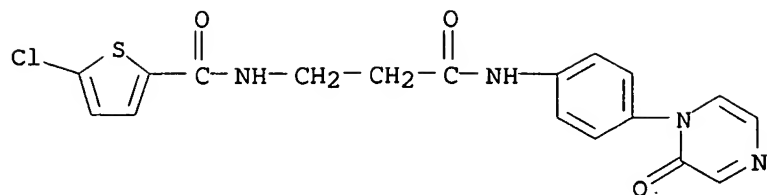
RN 697284-55-2 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-oxo-3-[[4-(3-oxo-4-morpholinyl)phenyl]amino]propyl]- (9CI) (CA INDEX NAME)



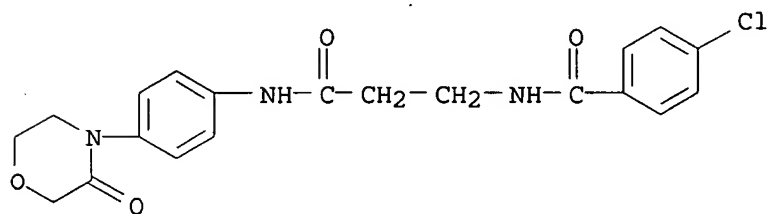
RN 863015-59-2 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-oxo-3-[[4-(2-oxo-1(2H)-pyrazinyl)phenyl]amino]propyl]- (9CI) (CA INDEX NAME)



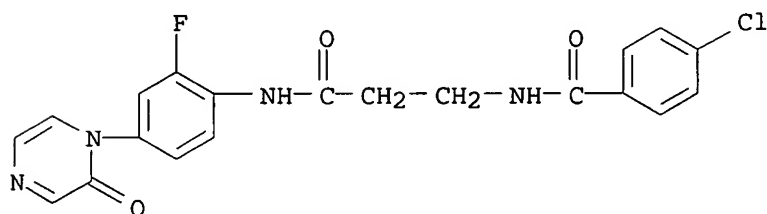
RN 863015-60-5 CAPLUS

CN Benzamide, 4-chloro-N-[3-oxo-3-[[4-(3-oxo-4-morpholinyl)phenyl]amino]propyl]- (9CI) (CA INDEX NAME)



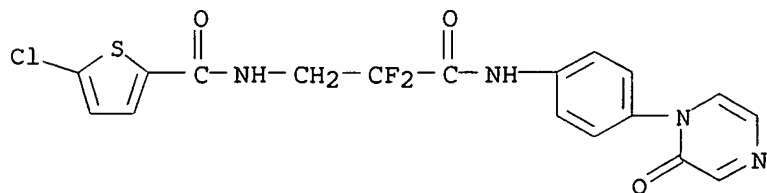
RN 863015-63-8 CAPLUS

CN Benzamide, 4-chloro-N-[3-[[2-fluoro-4-(2-oxo-1(2H)-pyrazinyl)phenyl]amino]-3-oxopropyl]- (9CI) (CA INDEX NAME)



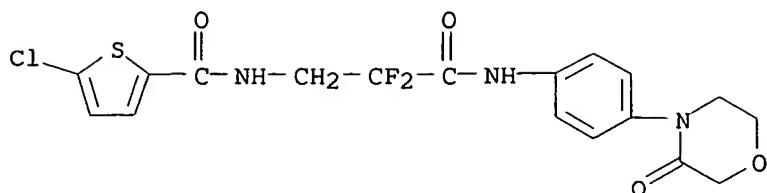
RN 863015-67-2 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2,2-difluoro-3-oxo-3-[[4-(2-oxo-1(2H)-pyrazinyl)phenyl]amino]propyl]- (9CI) (CA INDEX NAME)



RN 863015-68-3 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2,2-difluoro-3-oxo-3-[[4-(3-oxo-4-morpholinyl)phenyl]amino]propyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:450507 CAPLUS

DOCUMENT NUMBER: 141:7126

TITLE: Preparation of heterocyclylamides as inhibitors of Factor VIIA and Xa.

INVENTOR(S): Dorsch, Dieter; Cezanne, Bertram; Mederski, Werner; Tsaklakidis, Christos; Wurziger, Hanns; Gleitz, Johannes; van Amsterdam, Christoph

PATENT ASSIGNEE(S): Merck Patent GmbH, Germany

SOURCE: Ger. Offen., 26 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10254336	A1	20040603	DE 2002-10254336	20021121
CA 2506716	AA	20040603	CA 2003-2506716	20031030
WO 2004046138	A1	20040603	WO 2003-EP12080	20031030
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003286145	A1	20040615	AU 2003-286145	20031030
EP 1562939	A1	20050817	EP 2003-776875	20031030
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
JP 2006512321	T2	20060413	JP 2004-552505	20031030
US 2006052376	A1	20060309	US 2005-535246	20050518
PRIORITY APPLN. INFO.:			DE 2002-10254336	A 20021121
			WO 2003-EP12080	W 20031030

OTHER SOURCE(S): MARPAT 141:7126

IT 697284-38-1P 697284-55-2P 697284-56-3P

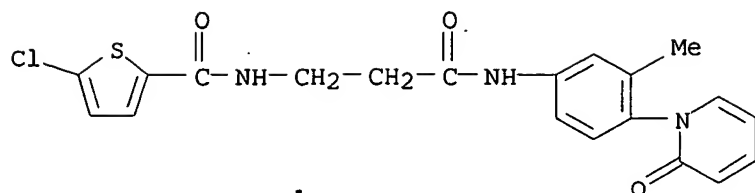
697284-57-4P 697284-61-0P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of heterocyclylamides as inhibitors of Factor VIIA and Xa)

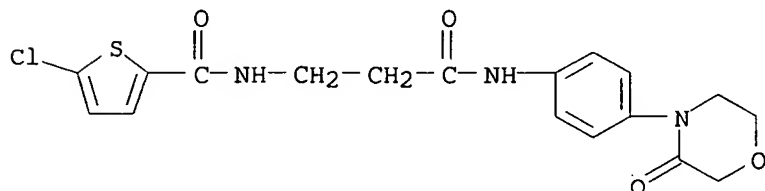
RN 697284-38-1 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-[[3-methyl-4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]-3-oxopropyl]- (9CI) (CA INDEX NAME)



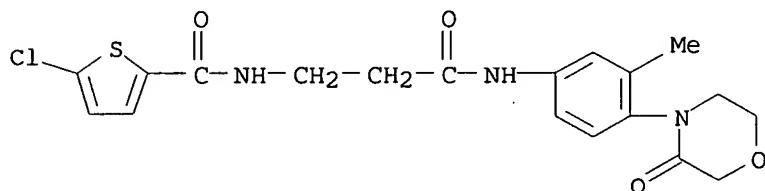
RN 697284-55-2 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-oxo-3-[[4-(3-oxo-4-morpholinyl)phenyl]amino]propyl] - (9CI) (CA INDEX NAME)



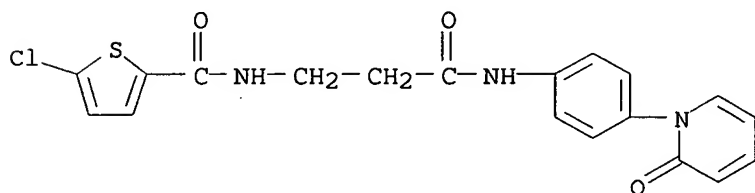
RN 697284-56-3 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-[[3-methyl-4-(3-oxo-4-morpholinyl)phenyl]amino]-3-oxopropyl] - (9CI) (CA INDEX NAME)



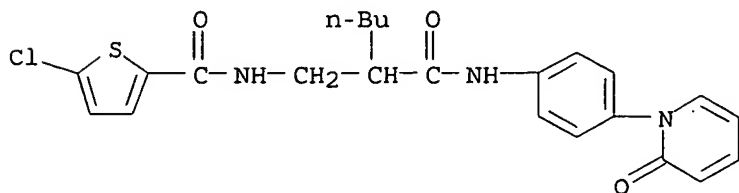
RN 697284-57-4 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-oxo-3-[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]propyl] - (9CI) (CA INDEX NAME)



RN 697284-61-0 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[[4-(2-oxo-1(2H)-pyridinyl)phenyl]amino]carbonyl]hexyl] - (9CI) (CA INDEX NAME)



L12 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1991:631982 CAPLUS
DOCUMENT NUMBER: 115:231982
TITLE: Bactericidal penam derivatives
INVENTOR(S): Ochiai, Hirokazu; Yasuo, Murotani; Fukuda, Hirohiko;
Yoshino, Osamu; Minami, Shinzaburo; Hayashi, Toshio;
Momonoi, Kaishu
PATENT ASSIGNEE(S): Toyama Chemical Co., Ltd., Japan
SOURCE: Ger. Offen., 106 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 4019960	A1	19910103	DE 1990-4019960	19900622
DE 4019960	C2	20010607		
CA 2019260	AA	19901222	CA 1990-2019260	19900619
CA 2019260	C	19990629		
US 5185330	A	19930209	US 1990-540697	19900620
FR 2648818	A1	19901228	FR 1990-7865	19900622
FR 2648818	B1	19930903		
US 5300497	A	19940405	US 1992-957372	19921007
PRIORITY APPLN. INFO.:			JP 1989-159899	A 19890622
			JP 1990-150514	A 19900608
			US 1990-540697	A3 19900620

OTHER SOURCE(S): MARPAT 115:231982

IT 133607-71-3P

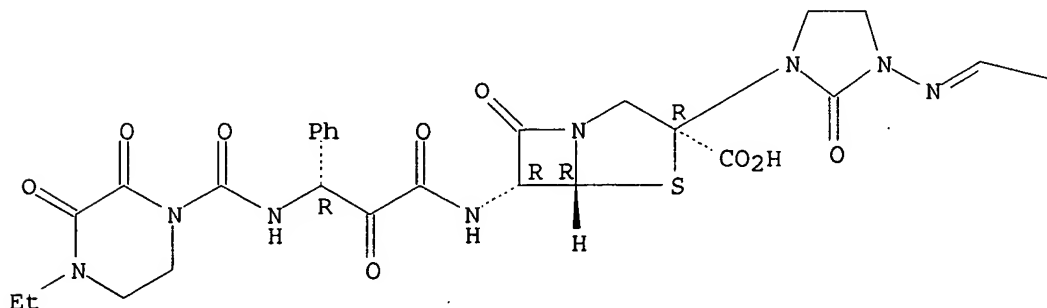
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 133607-71-3 CAPLUS

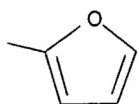
CN 4-Thia-1-azabicyclo[3.2.0]heptane-3-carboxylic acid, 6-[[3-[[[(4-ethyl-2,3-dioxo-1-piperazinyl)carbonyl]amino]-1,2-dioxo-3-phenylpropyl]amino]-3-[3-[(2-furanylmethylene)amino]-2-oxo-1-imidazolidinyl]-7-oxo-, monosodium salt, [3R-[3 α ,5 α ,6 β (R*)]]]- (9CI) (CA INDEX NAME)

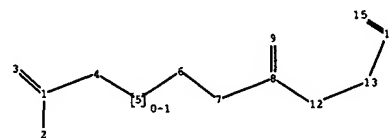
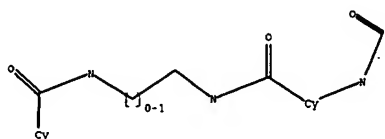
Absolute stereochemistry.
Double bond geometry unknown.

PAGE 1-A



● Na





chain nodes :

1 2 3 4 5 6 7 8 9 12 15

ring nodes :

13 14

chain bonds :

1-2 1-3 1-4 4-5 5-6 6-7 7-8 8-9 8-12 12-13 14-15

ring bonds :

13-14

exact/norm bonds :

1-2 1-3 1-4 4-5 6-7 7-8 8-9 8-12 12-13 13-14 14-15

exact bonds :

5-6

Match level :

1:CLASS 2:Atom 3:CLASS 4:CLASS 5:Atom 6:CLASS 7:CLASS 8:CLASS

9:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS

L8 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:308415 CAPLUS

DOCUMENT NUMBER: 140:321240

TITLE: Preparation of lactam-containing diaminoalkanes,
 β -amino acids, α -amino acids and
derivatives thereof as factor Xa inhibitors

INVENTOR(S): Qiao, Jennifer X.; Han, Wei

PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA

SOURCE: PCT Int. Appl., 172 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004031145	A2	20040415	WO 2003-US31079	20031001
WO 2004031145	A3	20040701		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2004077635	A1	20040422	US 2003-677063	20031001
AU 2003279735	A1	20040423	AU 2003-279735	20031001
EP 1558606	A2	20050803	EP 2003-773077	20031001
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
PRIORITY APPLN. INFO.:			US 2002-415366P	P 20021002
			US 2002-417208P	P 20021009
			WO 2003-US31079	W 20031001

OTHER SOURCE(S): MARPAT 140:321240

IT 678174-86-2P 678174-87-3P 678174-88-4P
678174-90-8P 678174-91-9P 678174-92-0P
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678174-96-4P 678174-97-5P 678174-98-6P
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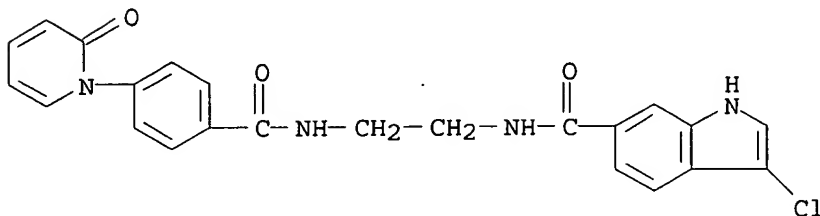
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 678179-31-2P 678179-32-3P 678179-33-4P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of lactam-containing diaminoalkanes, β -amino acids, α -amino acids and derivs. thereof as factor Xa inhibitors for treating thromboembolic disorder)

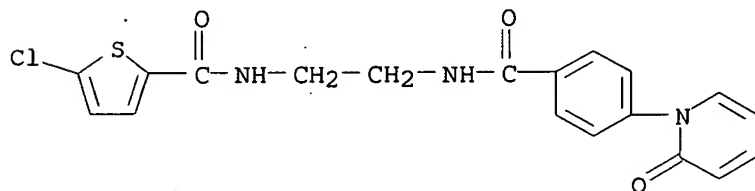
RN 678174-86-2 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)



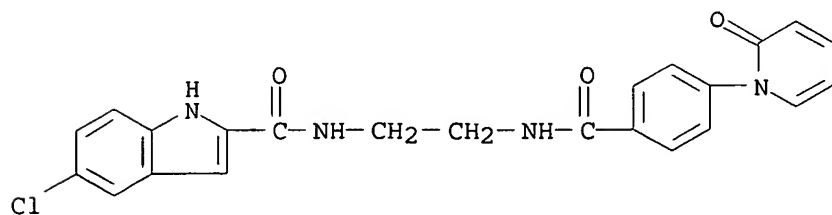
RN 678174-87-3 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)



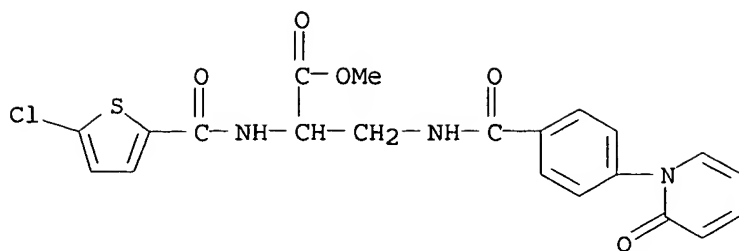
RN 678174-88-4 CAPLUS

CN 1H-Indole-2-carboxamide, 5-chloro-N-[2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)



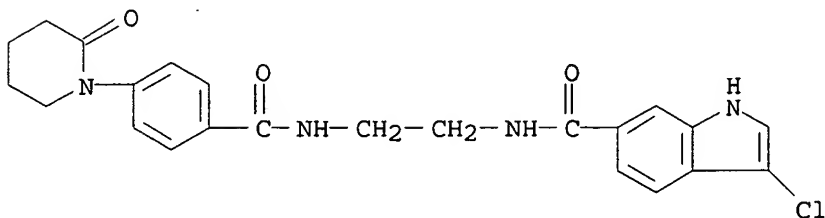
RN 678174-90-8 CAPLUS

CN Alanine, N-[(5-chloro-2-thienyl)carbonyl]-3-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]-, methyl ester (9CI) (CA INDEX NAME)



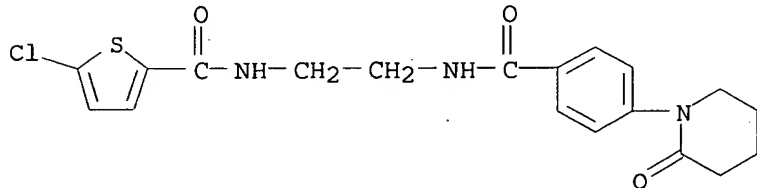
RN 678174-91-9 CAPLUS

CN 1H-Indole-6-carboxamide, 3-chloro-N-[2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)



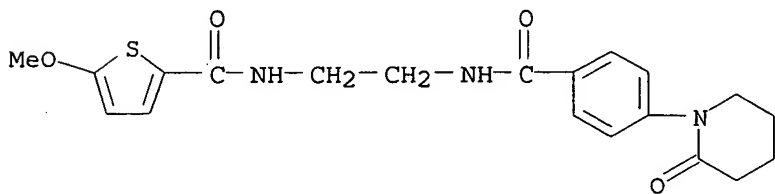
RN 678174-92-0 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)



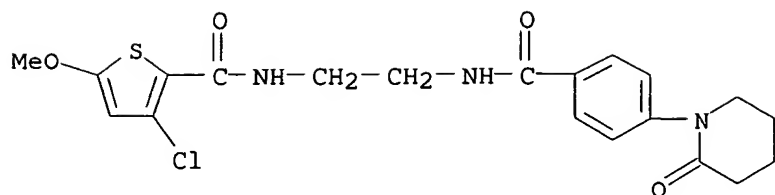
RN 678174-93-1 CAPLUS

CN 2-Thiophenecarboxamide, 5-methoxy-N-[2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)



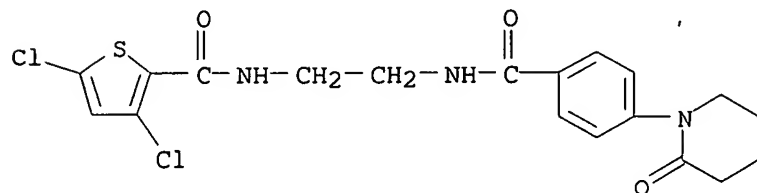
RN 678174-94-2 CAPLUS

CN 2-Thiophenecarboxamide, 3-chloro-5-methoxy-N-[2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)



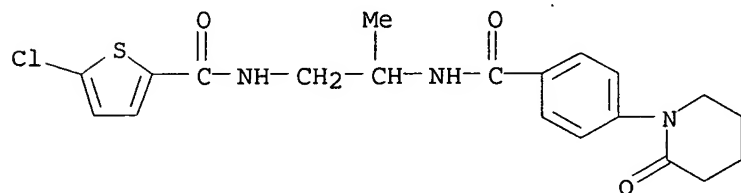
RN 678174-95-3 CAPLUS

CN 2-Thiophenecarboxamide, 3,5-dichloro-N-[2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)



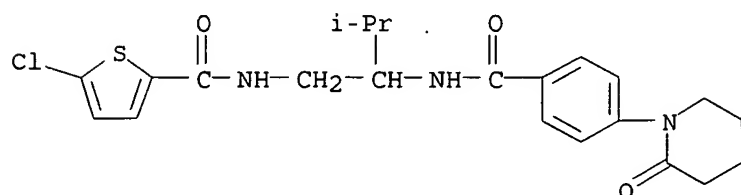
RN 678174-96-4 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)



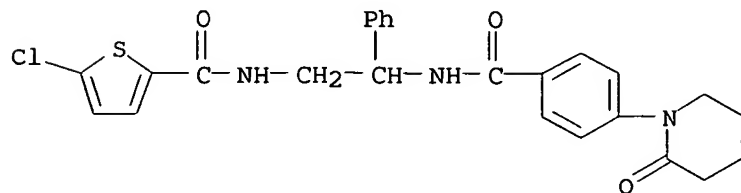
RN 678174-97-5 CAPLUS

CN 2-Thiophenecarboxamide; 5-chloro-N-[3-methyl-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]butyl]- (9CI) (CA INDEX NAME)

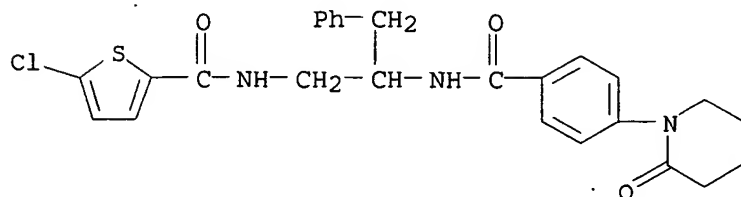


RN 678174-98-6 CAPLUS

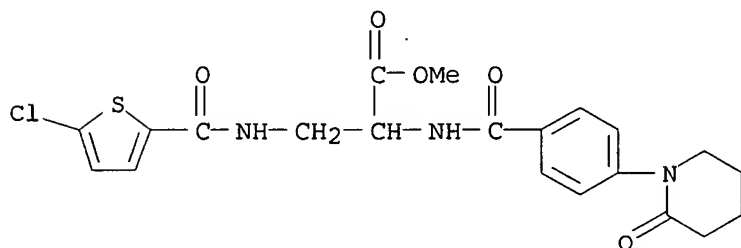
CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]-2-phenylethyl]- (9CI) (CA INDEX NAME)



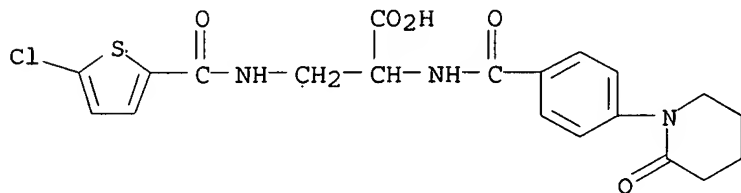
RN 678174-99-7 CAPLUS
 CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]-3-phenylpropyl]- (9CI) (CA INDEX NAME)



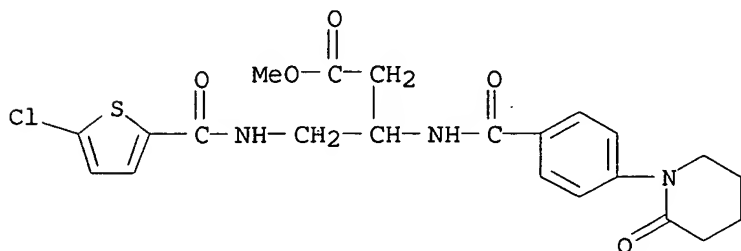
RN 678175-00-3 CAPLUS
 CN Alanine, 3-[[[(5-chloro-2-thienyl)carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)benzoyl]-, methyl ester (9CI) (CA INDEX NAME)



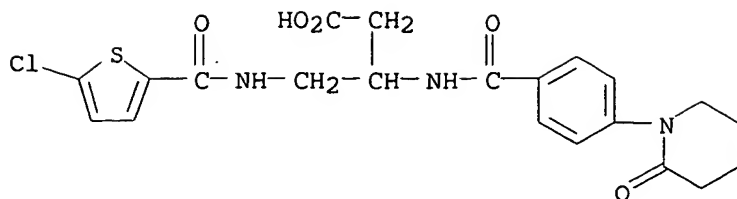
RN 678175-01-4 CAPLUS
 CN Alanine, 3-[[[(5-chloro-2-thienyl)carbonyl]amino]-N-[4-(2-oxo-1-piperidinyl)benzoyl]- (9CI) (CA INDEX NAME)



RN 678175-02-5 CAPLUS
 CN Butanoic acid, 4-[[[(5-chloro-2-thienyl)carbonyl]amino]-3-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]-, methyl ester (9CI) (CA INDEX NAME)

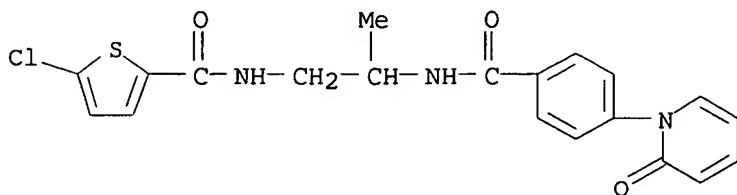


RN 678175-03-6 CAPLUS
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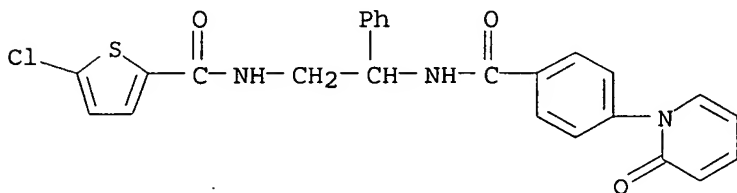
RN 678176-74-4 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)



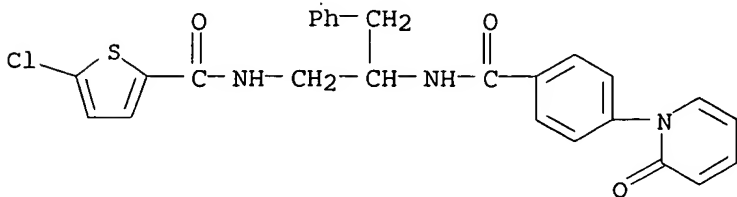
RN 678176-75-5 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]-2-phenylethyl]- (9CI) (CA INDEX NAME)



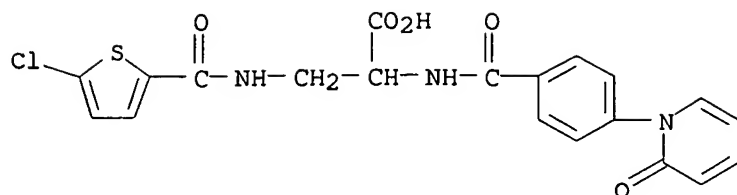
RN 678176-76-6 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]-3-phenylpropyl]- (9CI) (CA INDEX NAME)



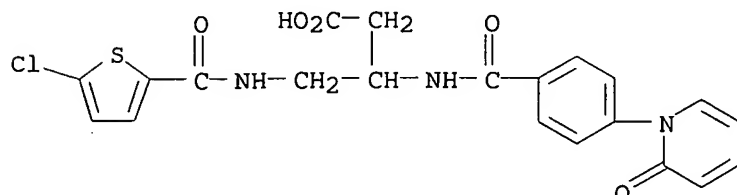
RN 678176-78-8 CAPLUS

CN Alanine, 3-[[[(5-chloro-2-thienyl)carbonyl]amino]-N-[4-(2-oxo-1(2H)-pyridinyl)benzoyl]- (9CI) (CA INDEX NAME)



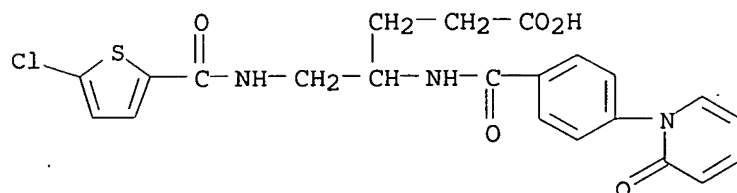
RN 678176-80-2 CAPLUS

CN Butanoic acid, 4-[[[5-chloro-2-thienyl)carbonyl]amino]-3-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)



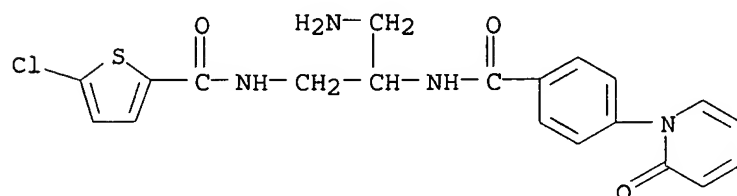
RN 678176-82-4 CAPLUS

CN Pentanoic acid, 5-[[[5-chloro-2-thienyl)carbonyl]amino]-4-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)



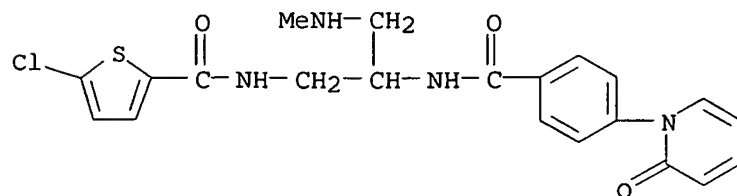
RN 678176-84-6 CAPLUS

CN 2-Thiophenecarboxamide, N-[3-amino-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]propyl]-5-chloro- (9CI) (CA INDEX NAME)

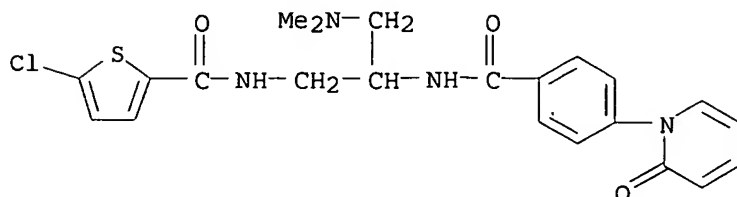


RN 678176-86-8 CAPLUS

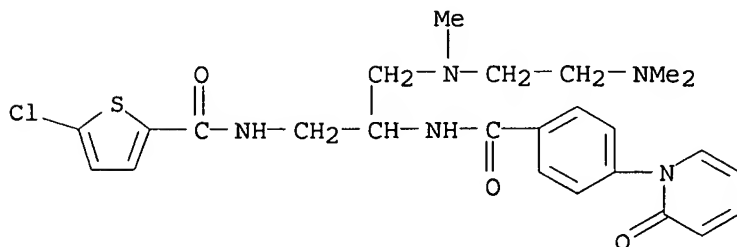
CN 2-Thiophenecarboxamide, 5-chloro-N-[3-(methylamino)-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)



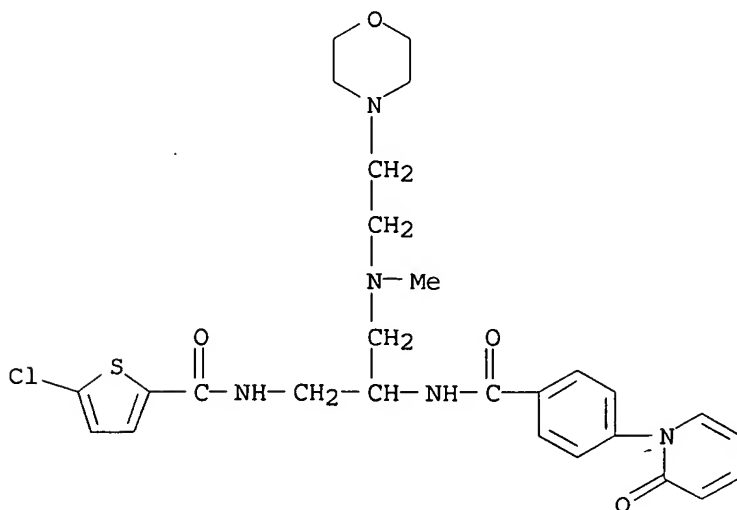
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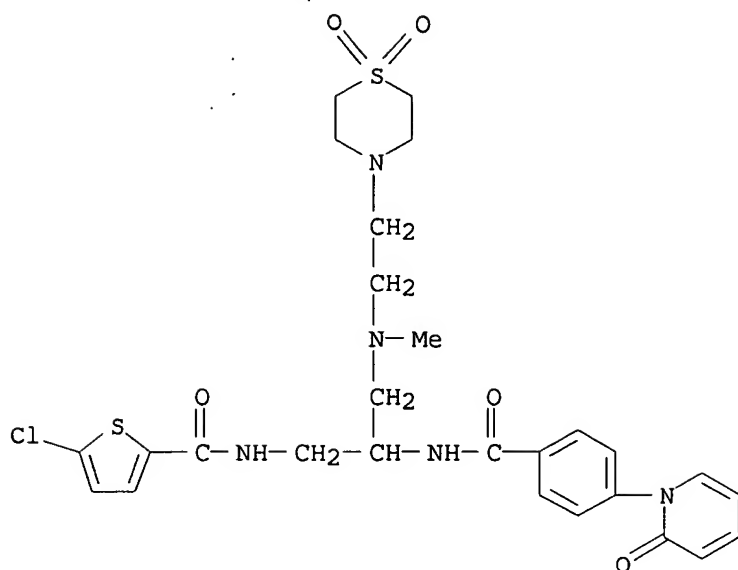
RN 678176-89-1 CAPLUS
 CN 2-Thiophenecarboxamide, 5-chloro-N-[3-[[2-(dimethylamino)ethyl]methylamino]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)



RN 678176-91-5 CAPLUS
 CN 2-Thiophenecarboxamide, 5-chloro-N-[3-[methyl[2-(4-morpholinyl)ethyl]amino]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)

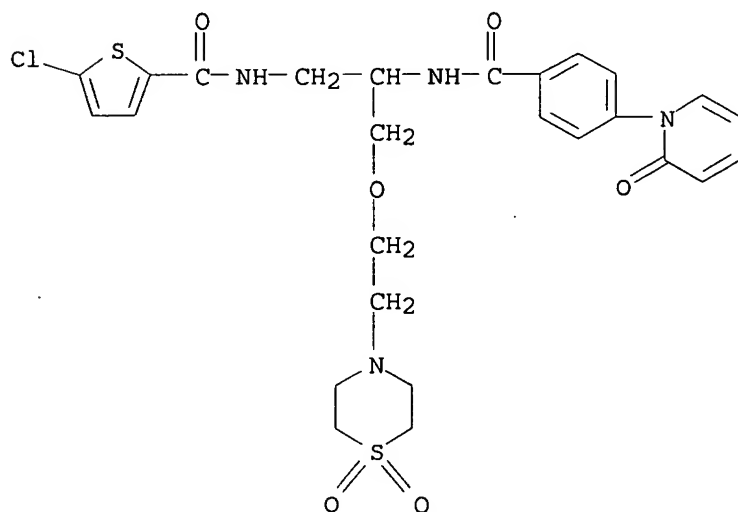


RN 678176-93-7 CAPLUS
 CN 2-Thiophenecarboxamide, 5-chloro-N-[3-[[2-(1,1-dioxido-4-thiomorpholinyl)ethyl]methylamino]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)



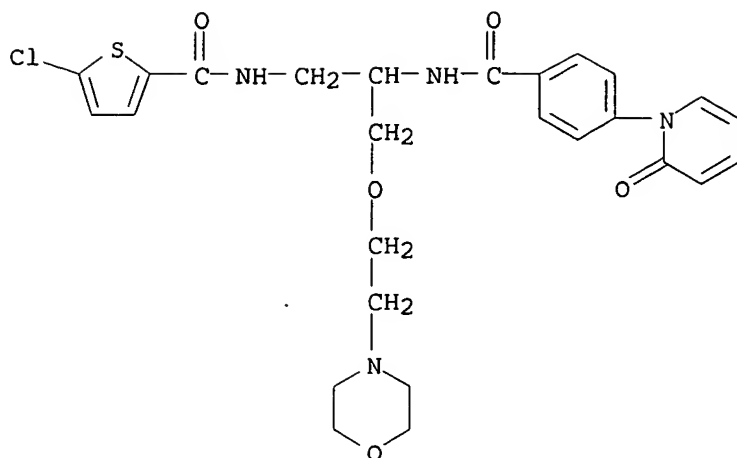
RN 678176-94-8 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-[2-(1,1-dioxido-4-thiomorpholinyl)ethoxy]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)



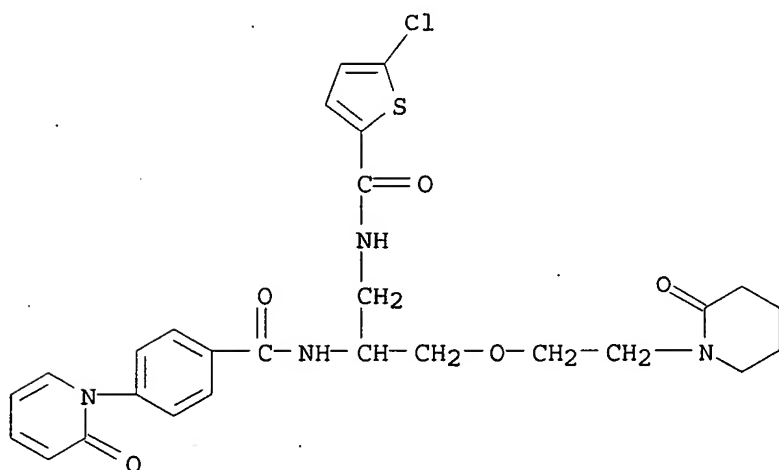
RN 678176-95-9 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-[2-(4-morpholinyl)ethoxy]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)



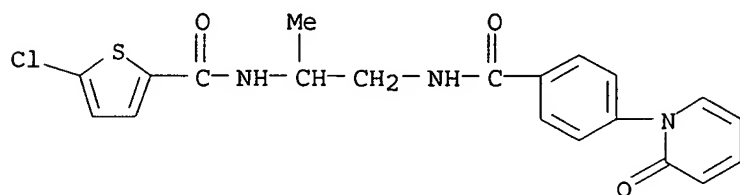
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CN 2-Thiophenecarboxamide, 5-chloro-N-[3-[2-(2-oxo-1-piperidinyl)ethoxy]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)



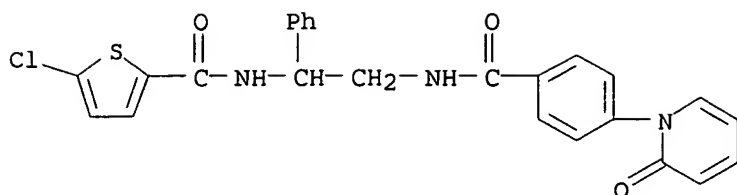
RN 678176-97-1 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-methyl-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)



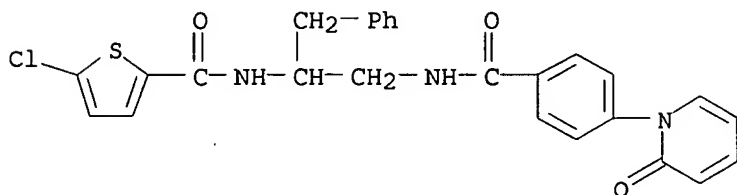
RN 678176-98-2 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]-1-phenylethyl]- (9CI) (CA INDEX NAME)



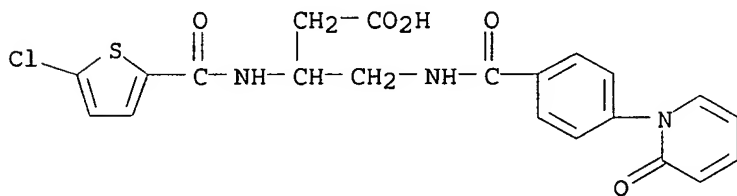
RN 678176-99-3 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]methyl]-2-phenylethyl]- (9CI) (CA INDEX NAME)



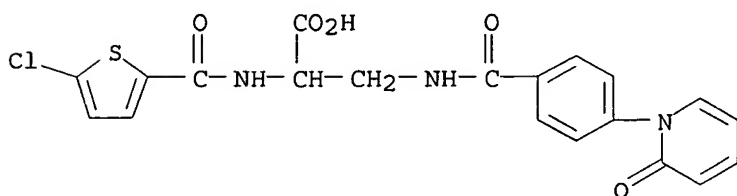
RN 678177-00-9 CAPLUS

CN Butanoic acid, 3-[[[(5-chloro-2-thienyl)carbonyl]amino]-4-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)



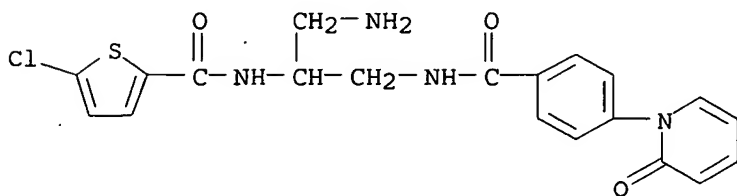
RN 678177-01-0 CAPLUS

CN Alanine, N-[(5-chloro-2-thienyl)carbonyl]-3-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]- (9CI) (CA INDEX NAME).



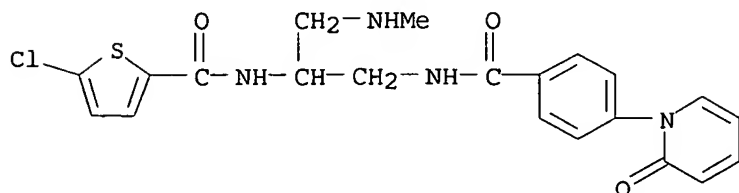
RN 678177-02-1 CAPLUS

CN 2-Thiophenecarboxamide, N-[1-(aminomethyl)-2-[[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]-5-chloro- (9CI) (CA INDEX NAME)



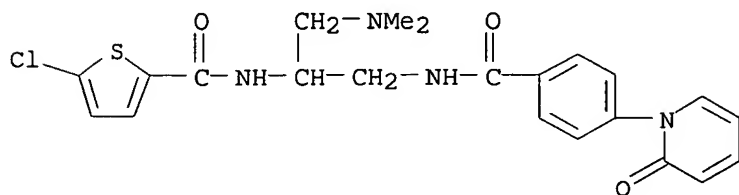
RN 678177-03-2 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[(methylamino)methyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)



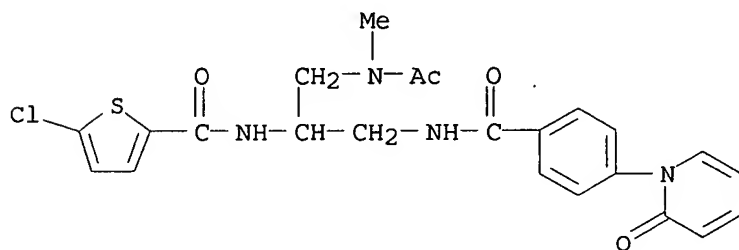
RN 678177-04-3 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[(dimethylamino)methyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)



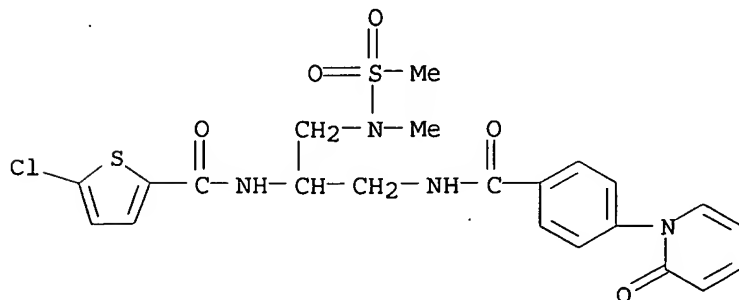
RN 678177-05-4 CAPLUS

CN 2-Thiophenecarboxamide, N-[1-[(acetylmethylamino)methyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]-5-chloro- (9CI) (CA INDEX NAME)



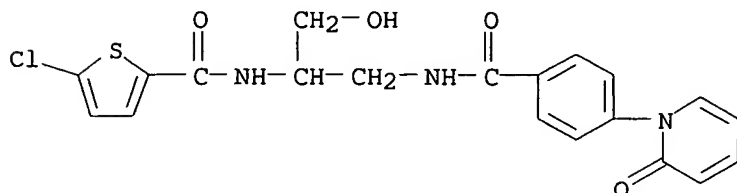
RN 678177-06-5 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[methyl(methylsulfonyl)amino]methyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)



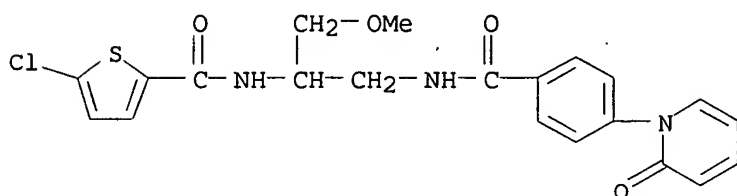
RN 678177-07-6 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-(hydroxymethyl)-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)



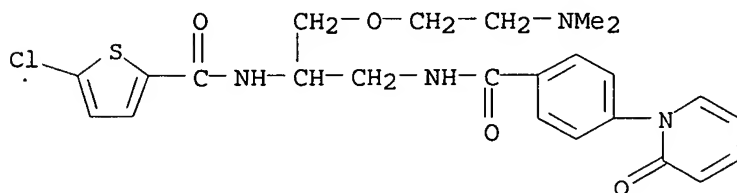
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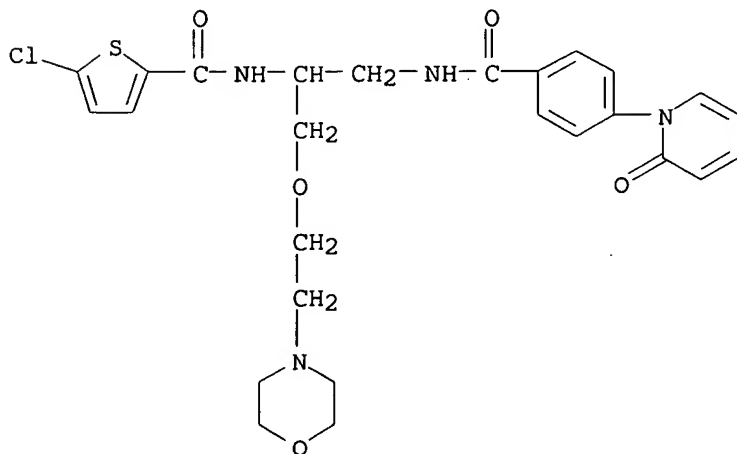
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CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[2-(dimethylamino)ethoxy]methyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)



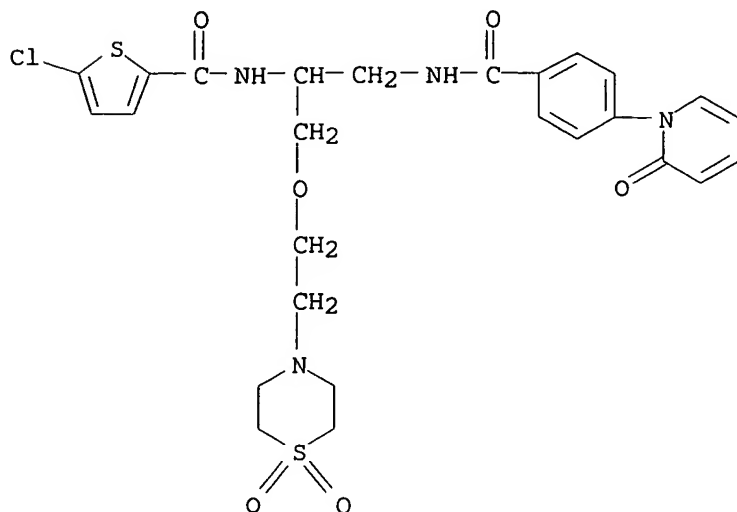
RN 678177-10-1 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[2-(4-morpholinyl)ethoxy]methyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)



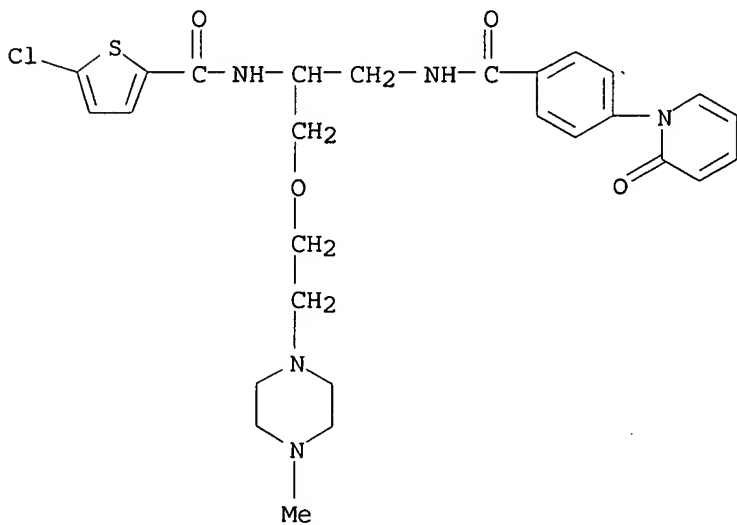
RN 678177-11-2 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[2-(1,1-dioxido-4-thiomorpholinyl)ethoxy]-1-[[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]methyl]ethyl]- (9CI) (CA INDEX NAME)



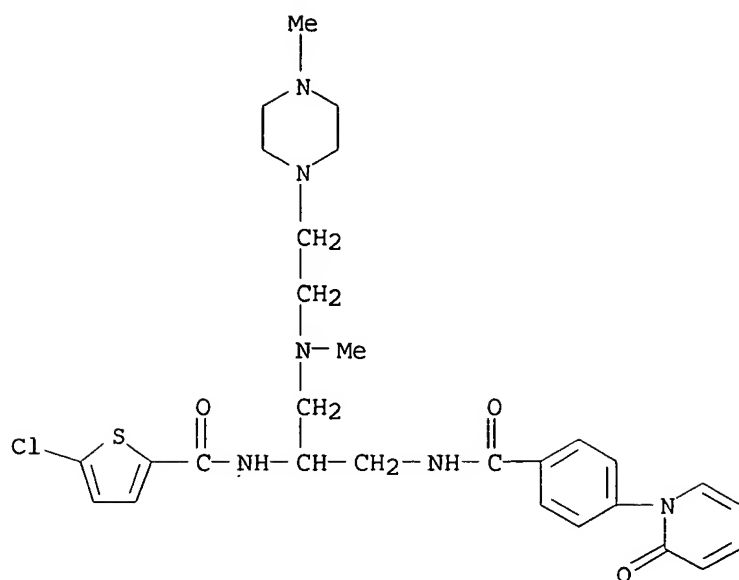
RN 678177-12-3 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[2-(4-methyl-1-piperazinyl)ethoxy]methyl]-2-[[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)



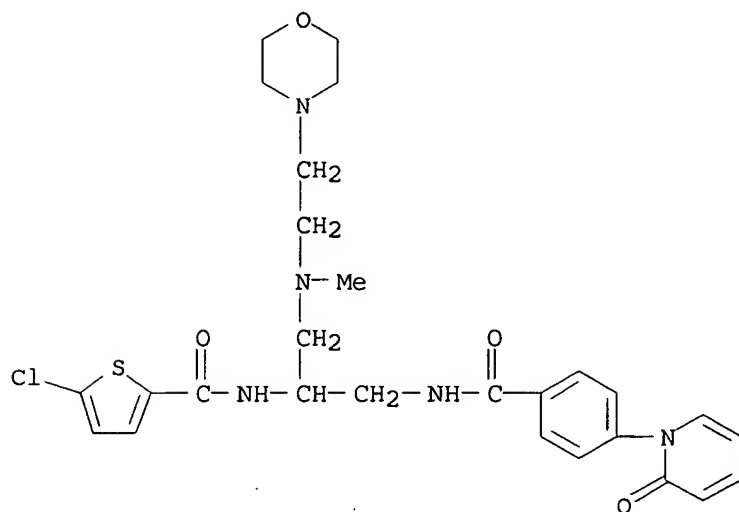
RN 678177-13-4 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[methyl[2-(4-methyl-1-piperazinyl)ethyl]amino]methyl]-2-[[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)



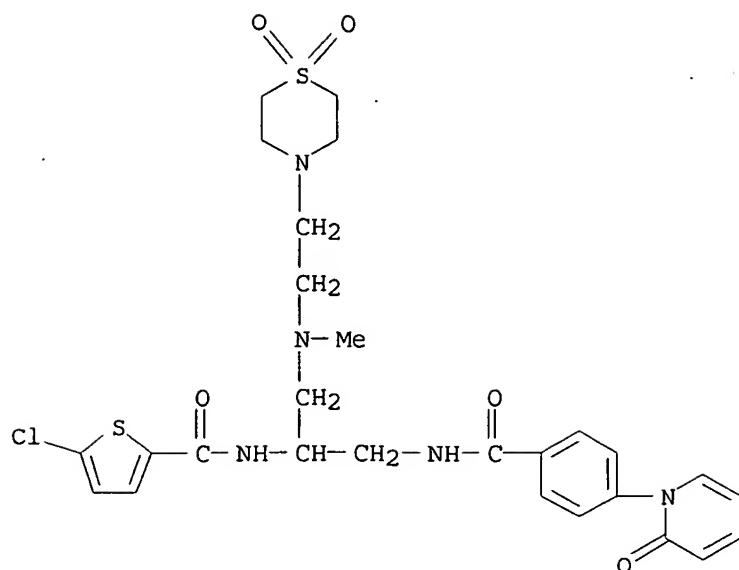
RN 678177-14-5 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[methyl[2-(4-morpholinyl)ethyl]amino]methyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)



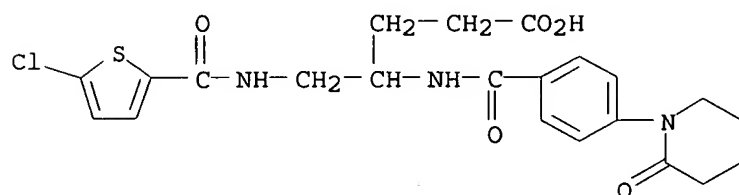
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CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[2-(1,1-dioxido-4-thiomorpholinyl)ethyl]methylamino]-1-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]methyl]ethyl]- (9CI) (CA INDEX NAME)



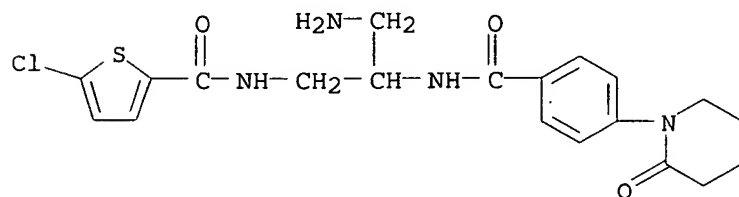
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CN Pentanoic acid, 5-[[[(5-chloro-2-thienyl)carbonyl]amino]-4-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]- (9CI) (CA INDEX NAME)



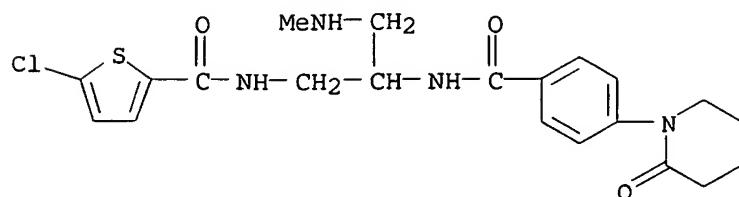
RN 678177-17-8 CAPLUS

CN 2-Thiophenecarboxamide, N-[3-amino-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]propyl]-5-chloro- (9CI) (CA INDEX NAME)



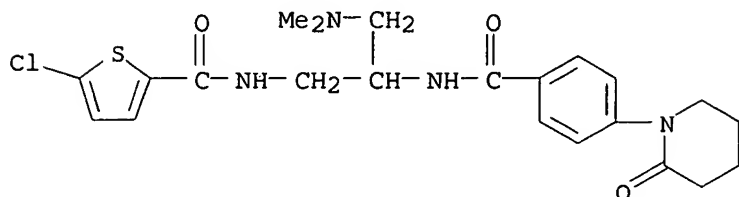
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CN 2-Thiophenecarboxamide, 5-chloro-N-[3-(methylamino)-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)



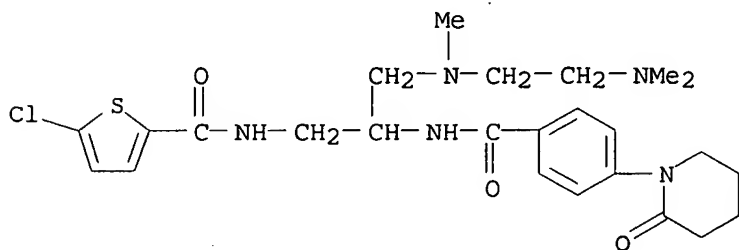
RN 678177-19-0 CAPLUS

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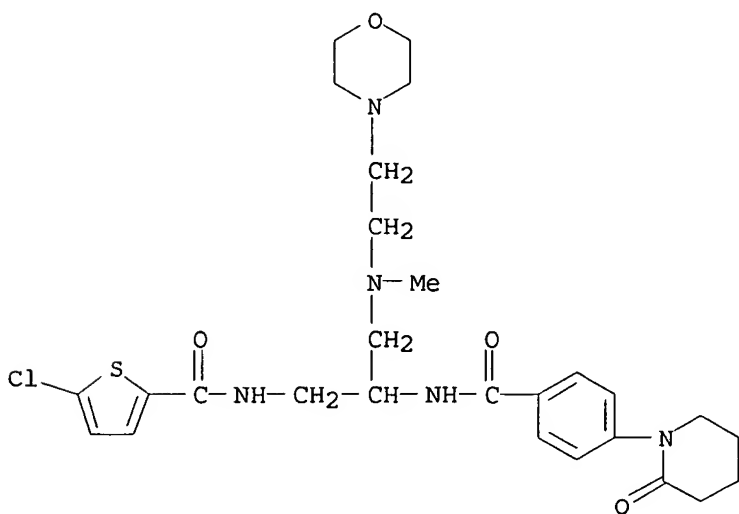
RN 678177-20-3 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-[[2-(dimethylamino)ethyl]methylamino]-2-[[4-(2-oxo-1-piperidiny)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)



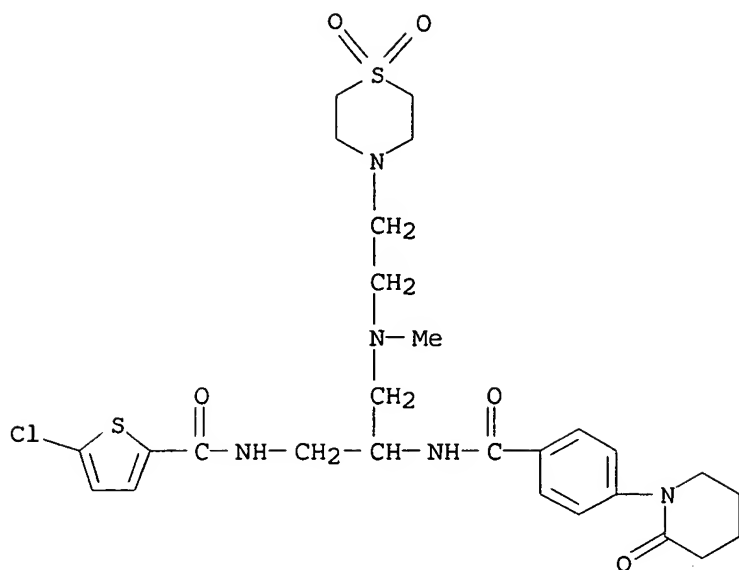
RN 678177-21-4 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-[methyl[2-(4-morpholinyl)ethyl]amino]-2-[[4-(2-oxo-1-piperidiny)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)



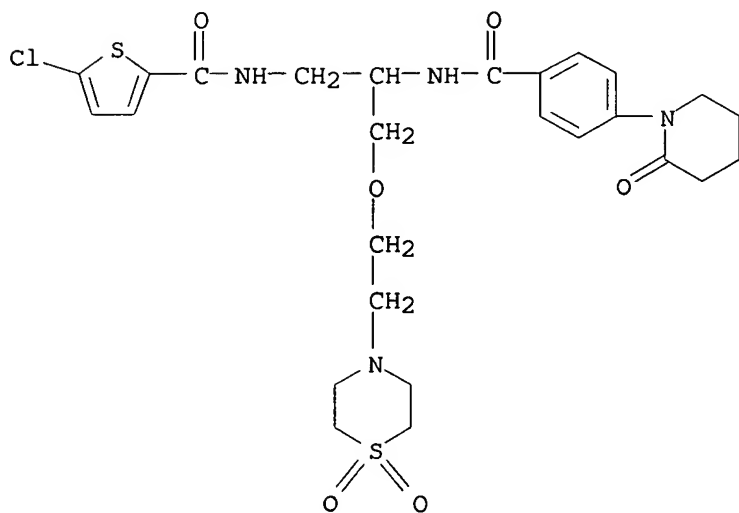
RN 678177-22-5 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-[[2-(1,1-dioxido-4-thiomorpholinyl)ethyl]methylamino]-2-[[4-(2-oxo-1-piperidiny)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)



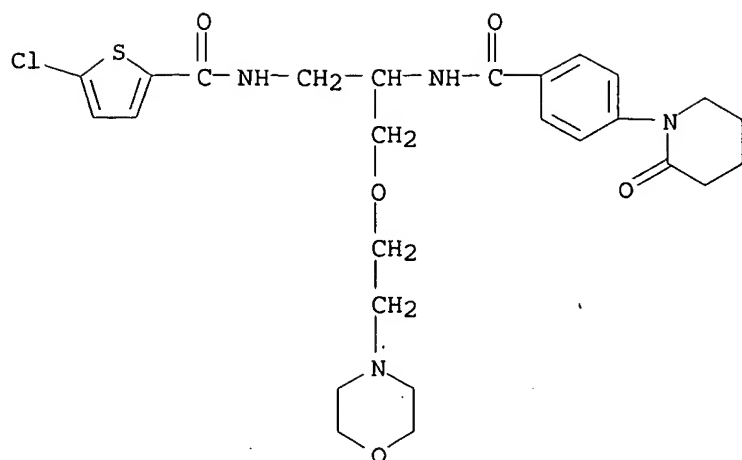
RN 678177-23-6 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-[2-(1,1-dioxido-4-thiomorpholinyl)ethoxy]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]propyl]-(9CI) (CA INDEX NAME)

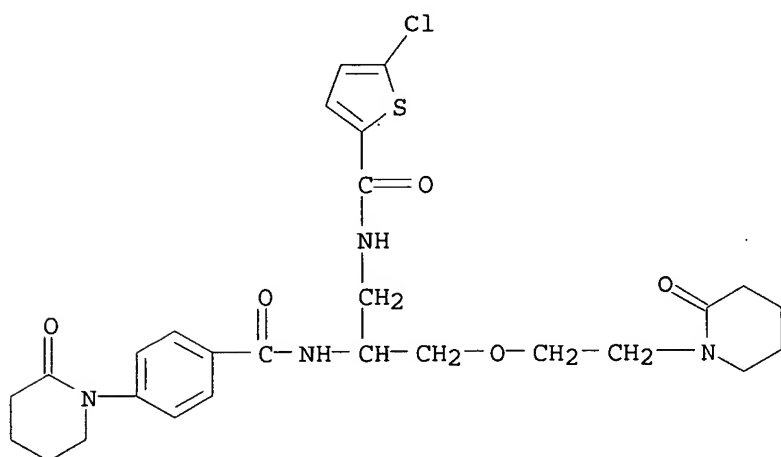


RN 678177-24-7 CAPLUS

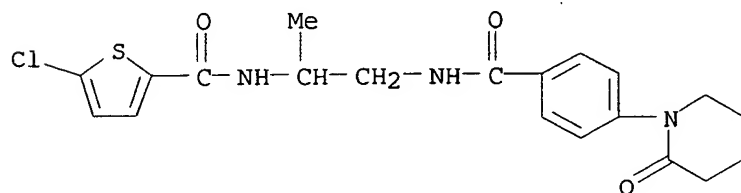
CN 2-Thiophenecarboxamide, 5-chloro-N-[3-[2-(4-morpholinyl)ethoxy]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]propyl]-(9CI) (CA INDEX NAME)



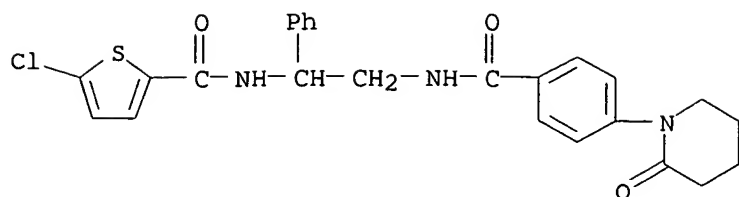
RN 678177-25-8 CAPLUS
 CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]-3-[2-(2-oxo-1-piperidinyl)ethoxy]propyl]- (9CI)
 (CA INDEX NAME)



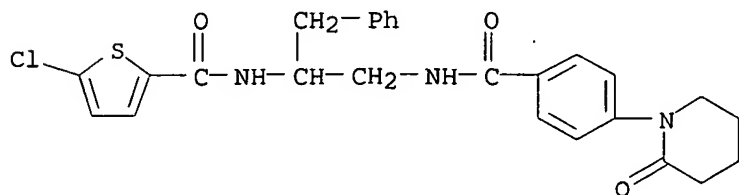
RN 678177-26-9 CAPLUS
 CN 2-Thiophenecarboxamide, 5-chloro-N-[1-methyl-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)



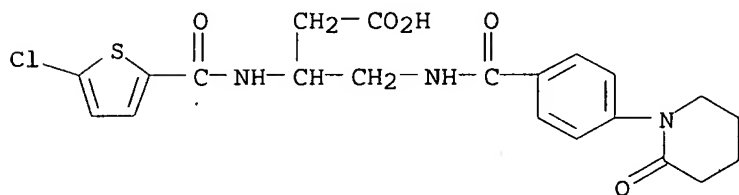
RN 678177-27-0 CAPLUS
 CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]-1-phenylethyl]- (9CI) (CA INDEX NAME)



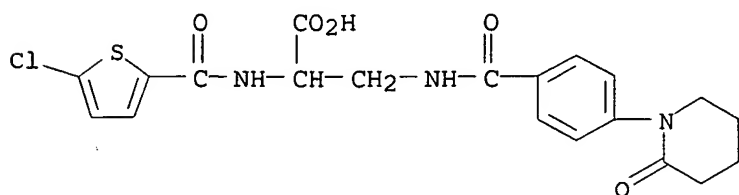
RN 678177-28-1 CAPLUS
 CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[[4-(2-oxo-1-piperidiny)benzoyl]amino]methyl]-2-phenylethyl]- (9CI) (CA INDEX NAME)



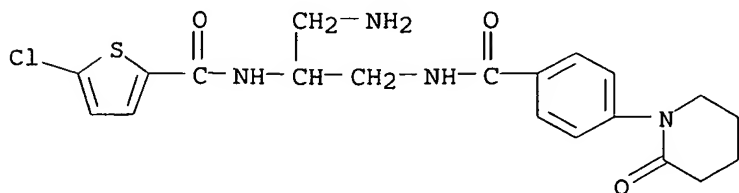
RN 678177-29-2 CAPLUS
 CN Butanoic acid, 3-[[[5-chloro-2-thienyl]carbonyl]amino]-4-[[4-(2-oxo-1-piperidiny)benzoyl]amino]- (9CI) (CA INDEX NAME)



RN 678177-30-5 CAPLUS
 CN Alanine, N-[(5-chloro-2-thienyl)carbonyl]-3-[[4-(2-oxo-1-piperidiny)benzoyl]amino]- (9CI) (CA INDEX NAME)

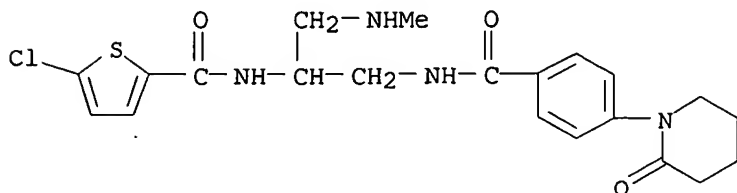


RN 678177-31-6 CAPLUS
 CN 2-Thiophenecarboxamide, N-[1-(aminomethyl)-2-[[[4-(2-oxo-1-piperidiny)benzoyl]amino]ethyl]-5-chloro- (9CI) (CA INDEX NAME)



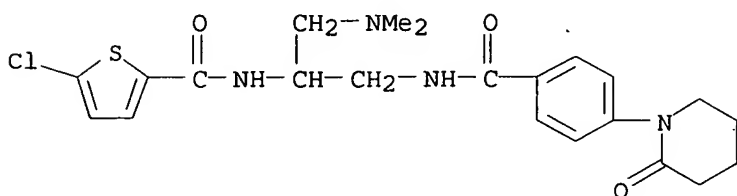
RN 678177-32-7 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[(methylamino)methyl]-2-[[4-(2-oxo-1-piperidiny)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)



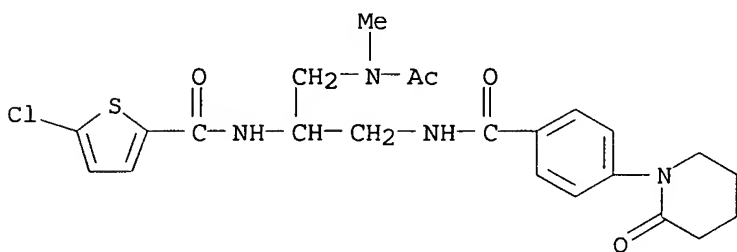
RN 678177-33-8 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[(dimethylamino)methyl]-2-[[4-(2-oxo-1-piperidiny)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)



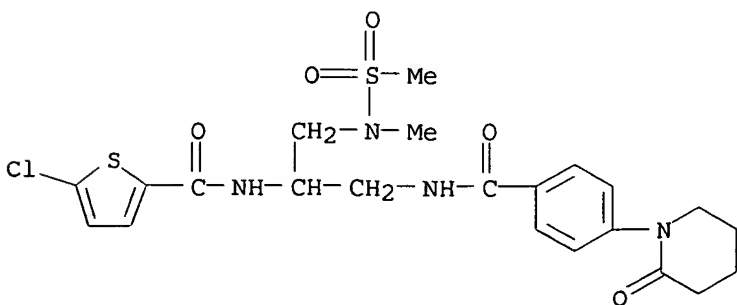
RN 678177-34-9 CAPLUS

CN 2-Thiophenecarboxamide, N-[1-[(acetylmethylamino)methyl]-2-[[4-(2-oxo-1-piperidiny)benzoyl]amino]ethyl]-5-chloro- (9CI) (CA INDEX NAME)



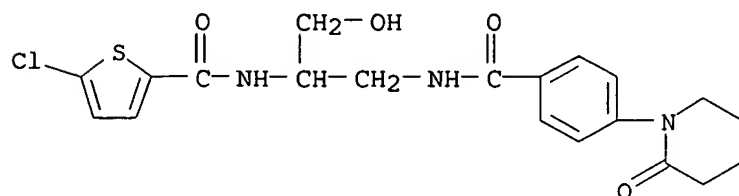
RN 678177-35-0 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[methyl(methylsulfonyl)amino]methyl]-2-[[4-(2-oxo-1-piperidiny)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)



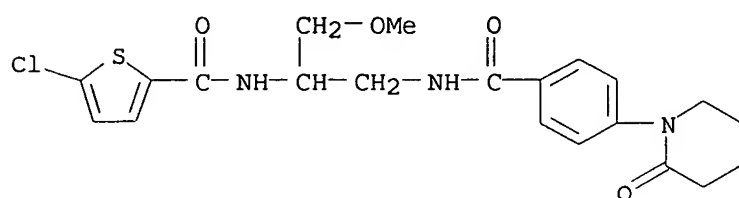
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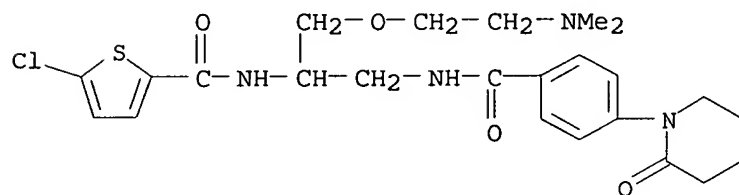
RN 678177-37-2 CAPLUS

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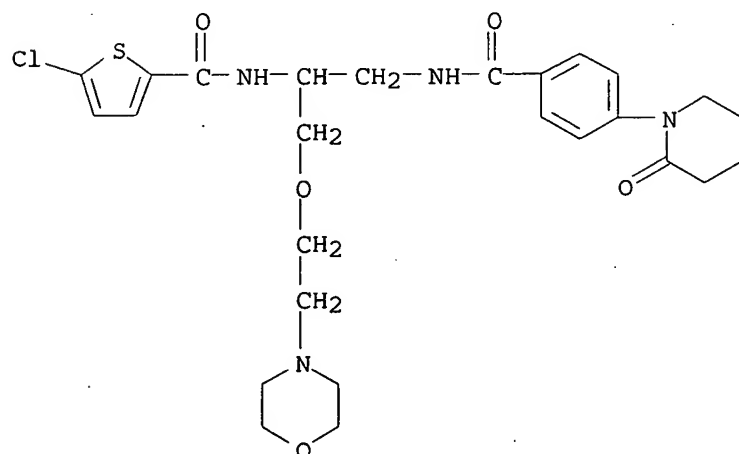
RN 678177-38-3 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[2-(dimethylamino)ethoxy]methyl]-2-[[4-(2-oxo-1-piperidiny)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)



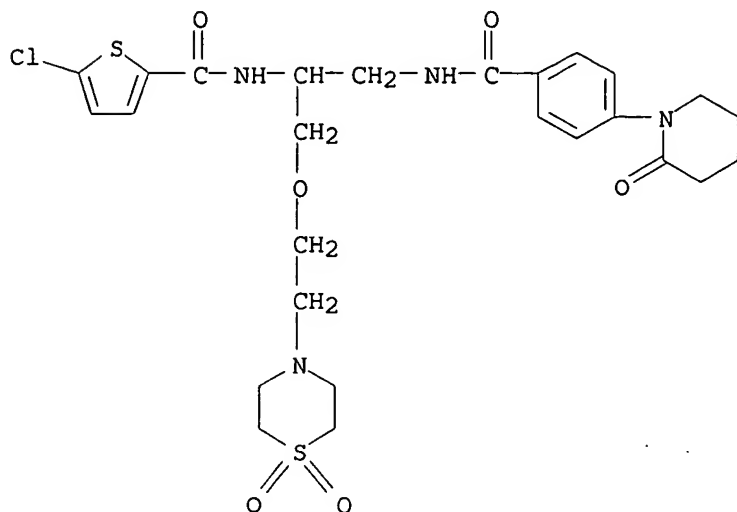
RN 678177-39-4 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[2-(4-morpholinyl)ethoxy]methyl]-2-[[4-(2-oxo-1-piperidiny)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)



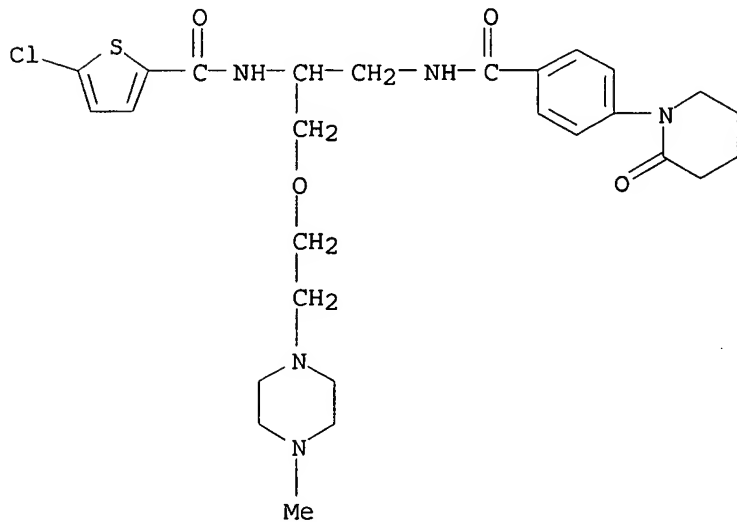
RN 678177-40-7 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[2-(1,1-dioxido-4-thiomorpholinyl)ethoxy]-1-[[[4-(2-oxo-1-piperidinyl)benzoyl]amino]methyl]ethyl]- (9CI) (CA INDEX NAME)



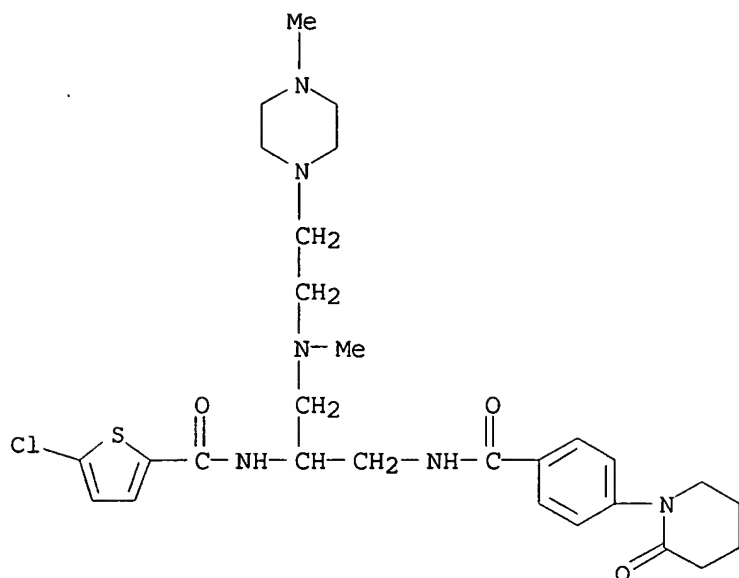
RN 678177-41-8 CAPLUS

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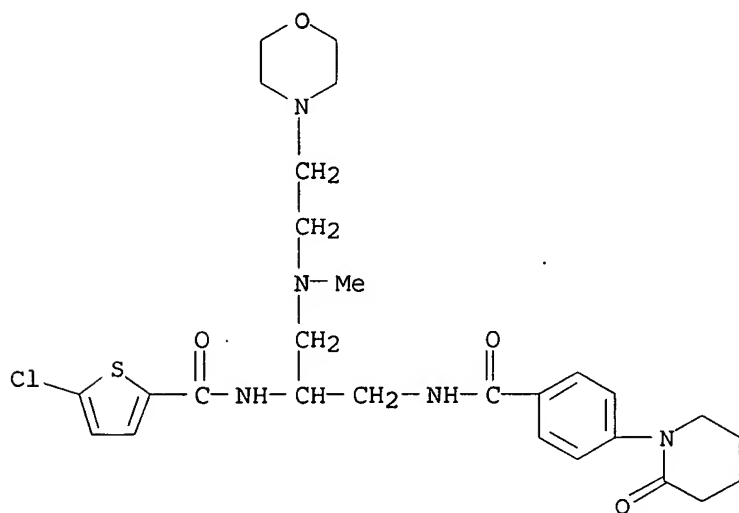
RN 678177-42-9 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[methyl[2-(4-methyl-1-piperazinyl)ethyl]amino]methyl]-2-[[4-(2-oxo-1-piperidiny]benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)



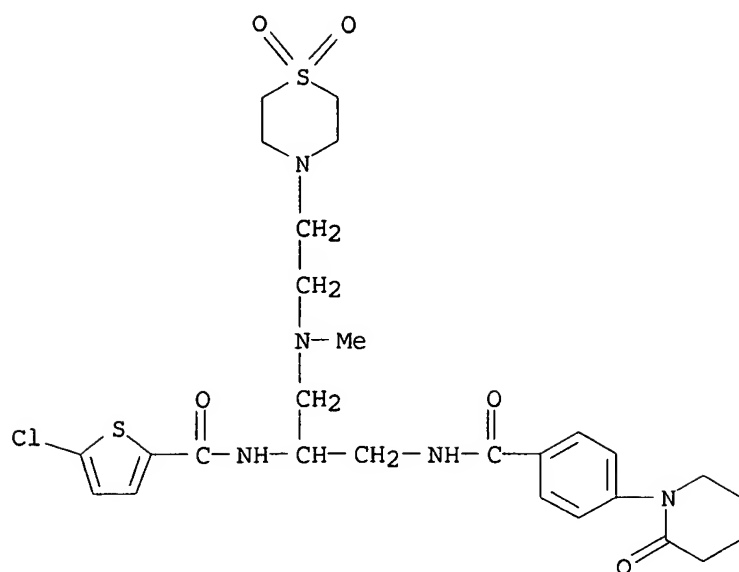
RN 678177-43-0 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[[methyl[2-(4-morpholinyl)ethyl]amino]methyl]-2-[[4-(2-oxo-1-piperidinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)



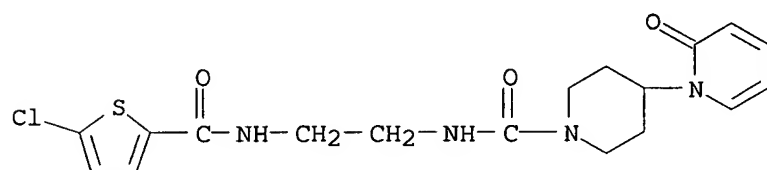
RN 678177-44-1 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[2-(1,1-dioxido-4-thiomorpholinyl)ethyl]methylamino]-1-[[[4-(2-oxo-1-piperidinyl)benzoyl]amino]methyl]ethyl]- (9CI) (CA INDEX NAME)



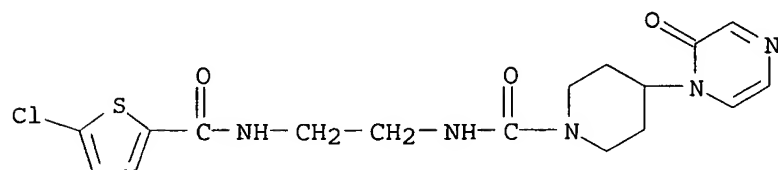
RN 678179-18-5 CAPLUS

CN 1-Piperidinecarboxamide, N-[2-[[[(5-chloro-2-thienyl)carbonyl]amino]ethyl]-4-(2-oxo-1(2H)-pyridinyl)]- (9CI) (CA INDEX NAME)



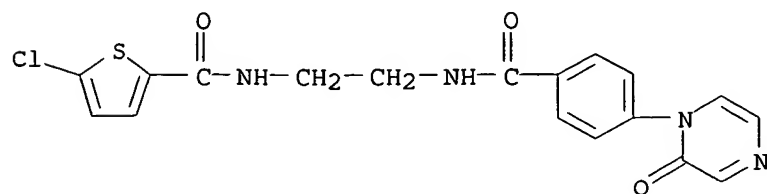
RN 678179-19-6 CAPLUS

CN 1-Piperidinecarboxamide, N-[2-[[[(5-chloro-2-thienyl)carbonyl]amino]ethyl]-4-(2-oxo-1(2H)-pyrazinyl)]- (9CI) (CA INDEX NAME)



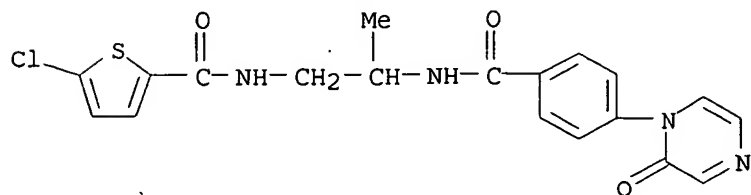
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CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[[4-(2-oxo-1(2H)-pyrazinyl)benzoyl]amino]ethyl]]- (9CI) (CA INDEX NAME)



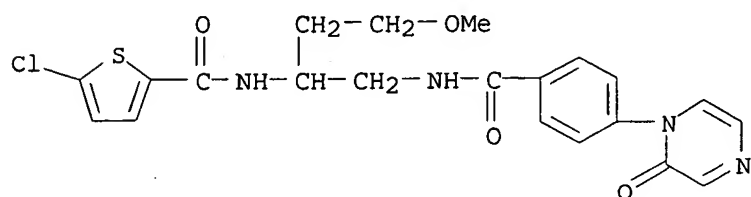
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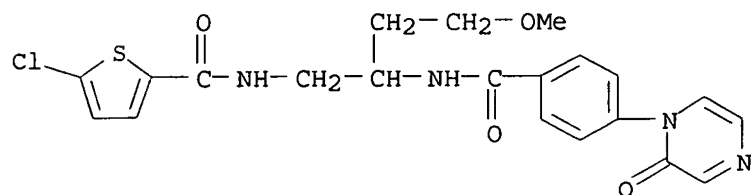
RN 678179-28-7 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[3-methoxy-1-[[[4-(2-oxo-1(2H)-pyrazinyl)benzoyl]amino]methyl]propyl]- (9CI) (CA INDEX NAME)



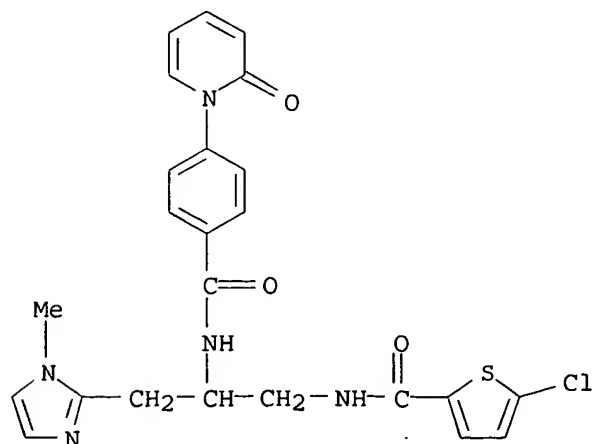
RN 678179-29-8 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[4-methoxy-2-[[[4-(2-oxo-1(2H)-pyrazinyl)benzoyl]amino]butyl]- (9CI) (CA INDEX NAME)

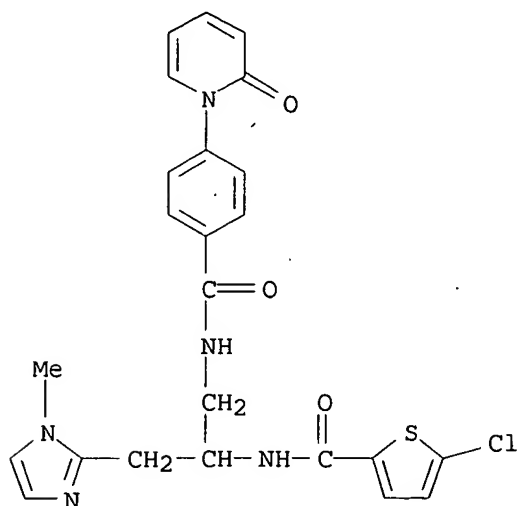


RN 678179-30-1 CAPLUS

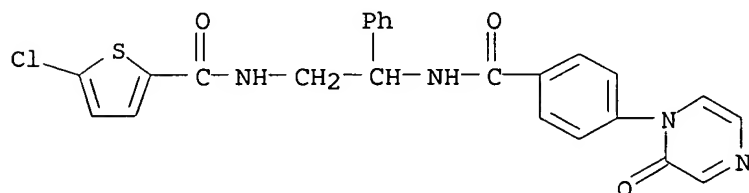
CN 2-Thiophenecarboxamide, 5-chloro-N-[3-(1-methyl-1H-imidazol-2-yl)-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)



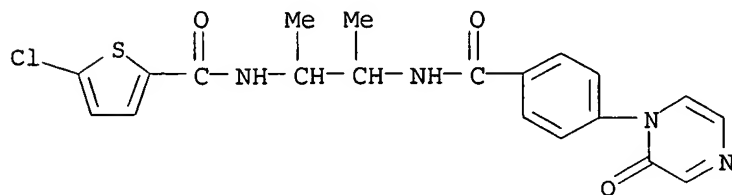
RN 678179-31-2 CAPLUS
 CN 2-Thiophenecarboxamide, 5-chloro-N-[1-[(1-methyl-1H-imidazol-2-yl)methyl]-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]ethyl]- (9CI) (CA INDEX NAME)



RN 678179-32-3 CAPLUS
 CN 2-Thiophenecarboxamide, 5-chloro-N-[2-[[4-(2-oxo-1(2H)-pyrazinyl)benzoyl]amino]-2-phenylethyl]- (9CI) (CA INDEX NAME)



RN 678179-33-4 CAPLUS
 CN 2-Thiophenecarboxamide, 5-chloro-N-[1-methyl-2-[[4-(2-oxo-1(2H)-pyrazinyl)benzoyl]amino]propyl]- (9CI) (CA INDEX NAME)



L8 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:767774 CAPLUS

DOCUMENT NUMBER: 139:286334

TITLE: Amino acid derivatives and their use as integrin $\alpha 4$ (adhesion molecule) inhibitors and in therapeutic agents for inflammatory diseases

INVENTOR(S): Ishigaki, Takeshi; Taniguchi, Koji; Ito, Takayoshi; Ono, Hiroshi; Kaino, Mie; Meguro, Hiroyuki

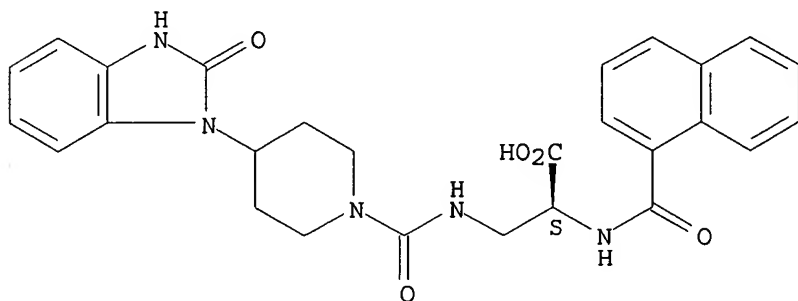
PATENT ASSIGNEE(S): Toray Industries, Inc., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 247 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003277340	A2	20031002	JP 2002-81956	20020322
PRIORITY APPLN. INFO.:			JP 2002-81956	20020322

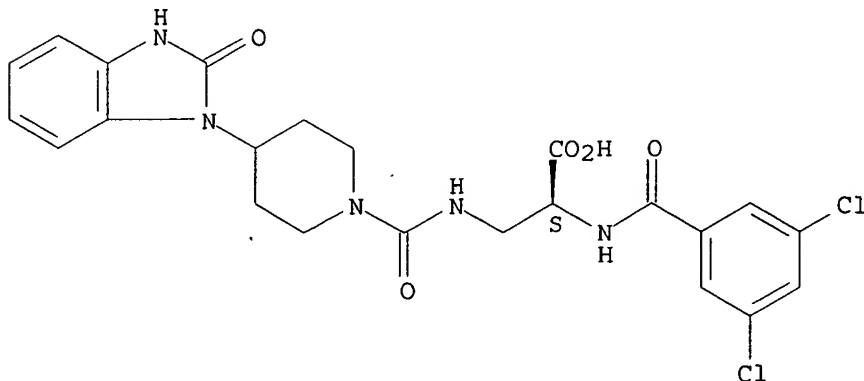
OTHER SOURCE(S): MARPAT 139:286334
 IT 607397-93-3P 607398-03-8P 607398-12-9P
 607398-21-0P 607398-30-1P 607398-39-0P
 607398-49-2P 607401-58-1P 607401-80-9P
 607401-94-5P
 RL: CPN (Combinatorial preparation); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); CMBI (Combinatorial study); PREP (Preparation); USES (Uses)
 (preparation of amino acid derivs. as integrin α 4 inhibitors for treatment of inflammatory diseases)
 RN 607397-93-3 CAPLUS
 CN L-Alanine, 3-[[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]carbonyl]amino]-N-(1-naphthalenylcarbonyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



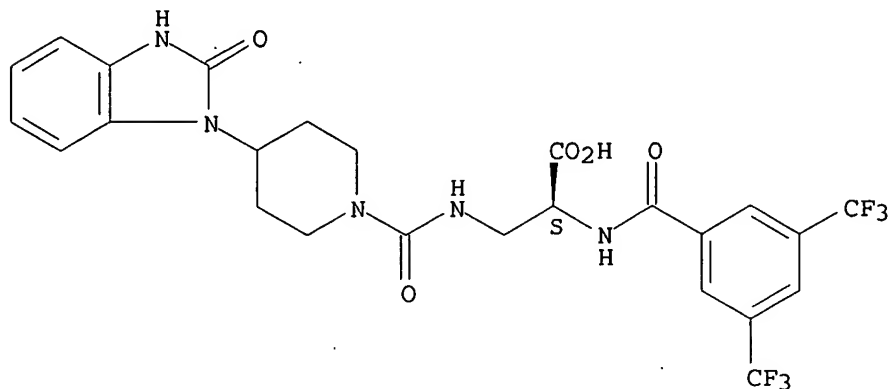
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 CN L-Alanine, N-(3,5-dichlorobenzoyl)-3-[[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]carbonyl]amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



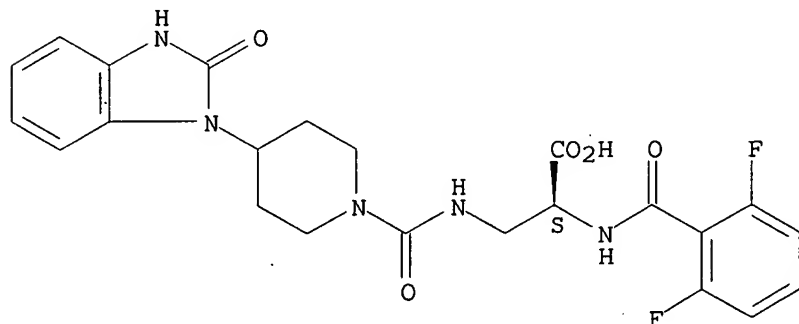
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 CN L-Alanine, N-[3,5-bis(trifluoromethyl)benzoyl]-3-[[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]carbonyl]amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



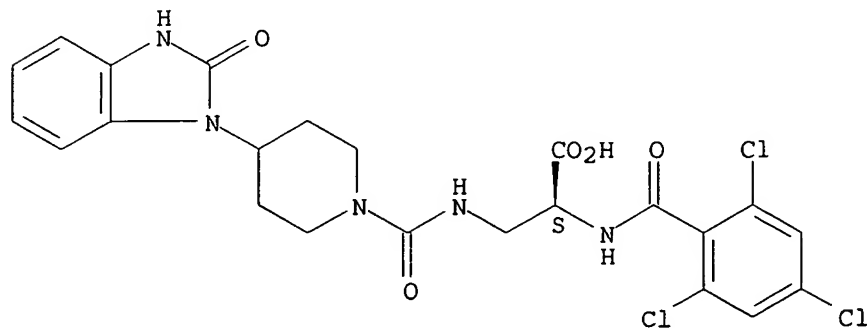
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 CN L-Alanine, N-(2,6-difluorobenzoyl)-3-[[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]carbonyl]amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



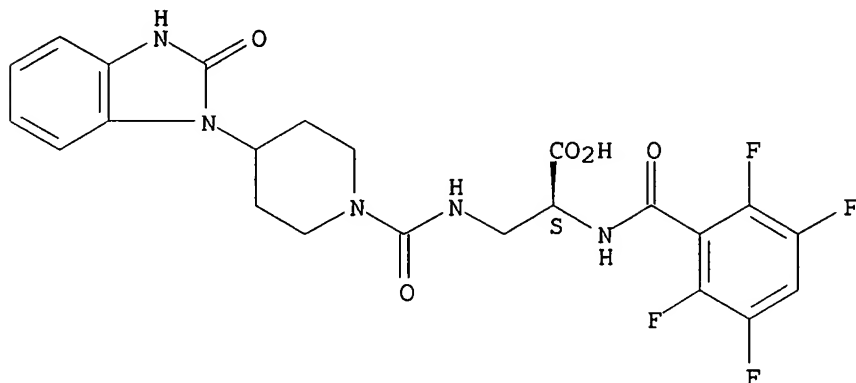
RN 607398-30-1 CAPLUS
 CN L-Alanine, 3-[[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]carbonyl]amino]-N-(2,4,6-trichlorobenzoyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



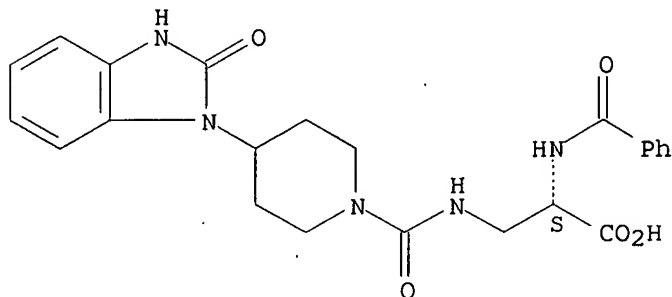
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CN L-Alanine, 3-[[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]carbonyl]amino]-N-(2,3,5,6-tetrafluorobenzoyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



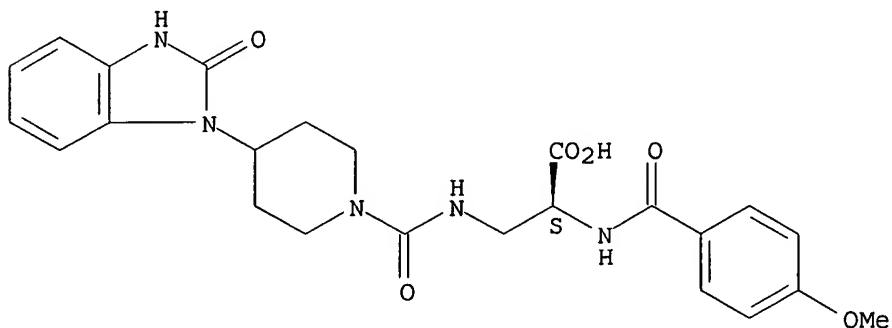
RN 607398-49-2 CAPLUS
CN L-Alanine, N-benzoyl-3-[[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]carbonyl]amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 607401-58-1 CAPLUS
CN L-Alanine, 3-[[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]carbonyl]amino]-N-(4-methoxybenzoyl)- (9CI) (CA INDEX NAME)

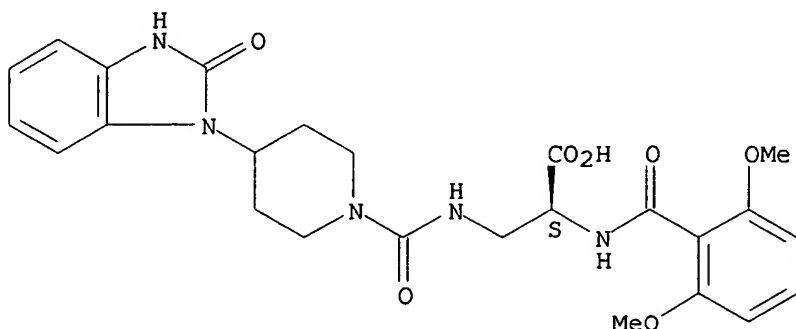
Absolute stereochemistry.



RN 607401-80-9 CAPLUS

CN L-Alanine, 3-[[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]carbonyl]amino]-N-(2,6-dimethoxybenzoyl)- (9CI) (CA INDEX NAME)

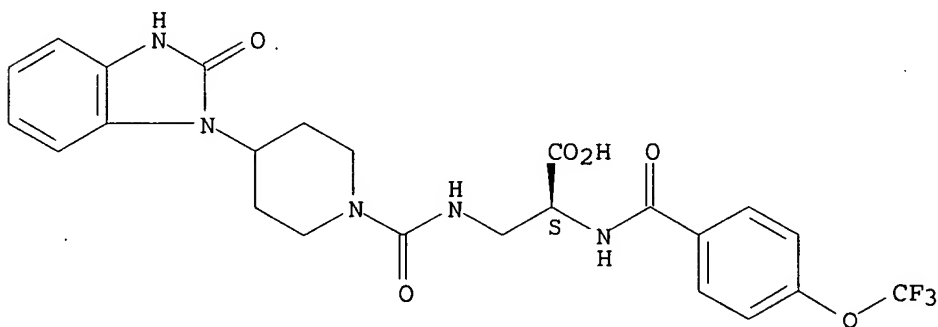
Absolute stereochemistry.



RN 607401-94-5 CAPLUS

CN L-Alanine, 3-[[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]carbonyl]amino]-N-[4-(trifluoromethoxy)benzoyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



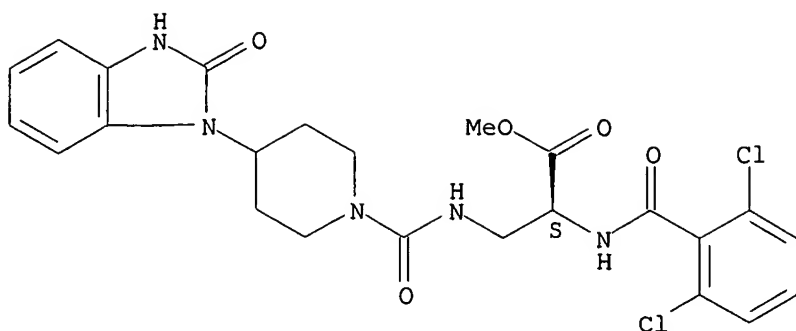
IT 607395-48-2P 607395-50-6P 607395-52-8P.
607395-54-0P 607395-56-2P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of amino acid derivs. as integrin α 4 inhibitors for treatment of inflammatory diseases)

RN 607395-48-2 CAPLUS

CN L-Alanine, N-(2,6-dichlorobenzoyl)-3-[[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]carbonyl]amino]-, methyl ester (9CI) (CA INDEX NAME)

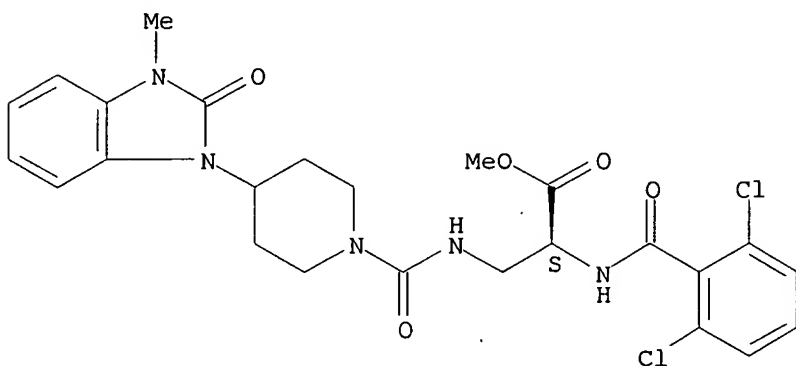
Absolute stereochemistry.



RN 607395-50-6 CAPLUS

CN L-Alanine, N-(2,6-dichlorobenzoyl)-3-[[[4-(2,3-dihydro-3-methyl-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]carbonyl]amino]-, methyl ester (9CI) (CA INDEX NAME)

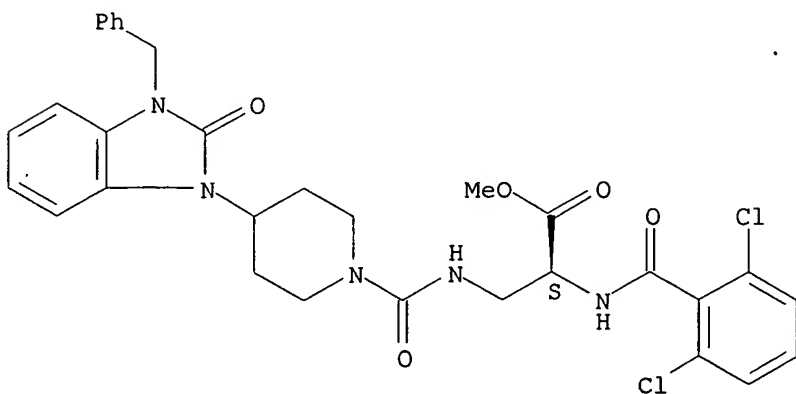
Absolute stereochemistry.



RN 607395-52-8 CAPLUS

CN L-Alanine, N-(2,6-dichlorobenzoyl)-3-[[[4-[2,3-dihydro-2-oxo-3-(phenylmethyl)-1H-benzimidazol-1-yl]-1-piperidinyl]carbonyl]amino]-, methyl ester (9CI) (CA INDEX NAME)

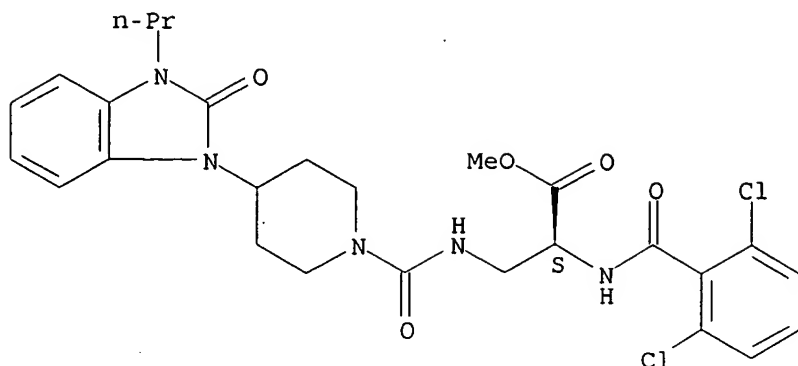
Absolute stereochemistry.



RN 607395-54-0 CAPLUS

CN L-Alanine, N-(2,6-dichlorobenzoyl)-3-[[[4-(2,3-dihydro-2-oxo-3-propyl-1H-benzimidazol-1-yl)-1-piperidinyl]carbonyl]amino]-, methyl ester (9CI) (CA INDEX NAME)

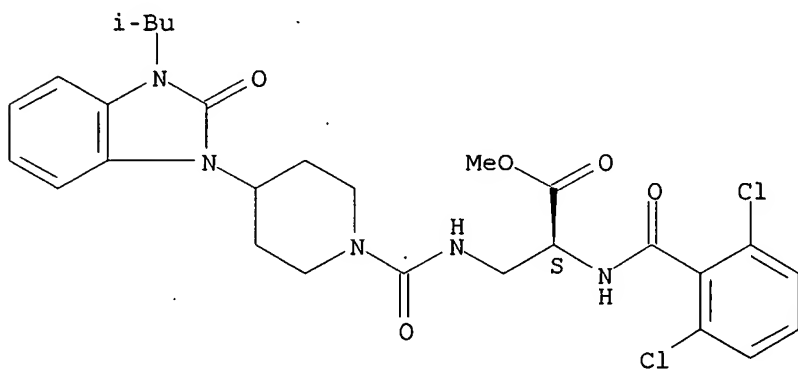
Absolute stereochemistry.



RN 607395-56-2 CAPLUS

CN L-Alanine, N-(2,6-dichlorobenzoyl)-3-[[[4-[2,3-dihydro-3-(2-methylpropyl)-2-oxo-1H-benzimidazol-1-yl]-1-piperidiny]carbonyl]amino]-, methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 607395-49-3P 607395-51-7P 607395-53-9P

607395-55-1P 607395-57-3P

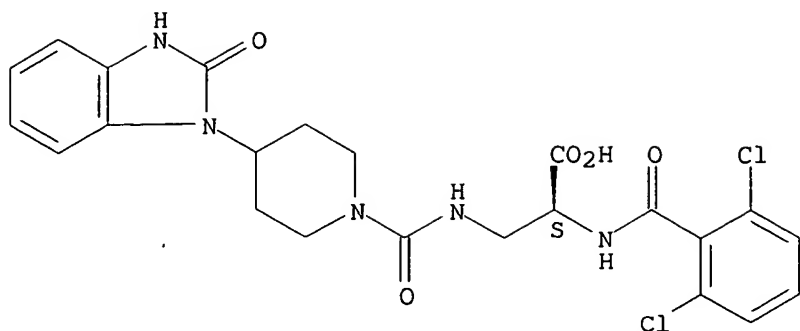
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of amino acid derivs. as integrin $\alpha 4$ inhibitors for treatment of inflammatory diseases)

RN 607395-49-3 CAPLUS

CN L-Alanine, N-(2,6-dichlorobenzoyl)-3-[[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidiny]carbonyl]amino]- (9CI) (CA INDEX NAME)

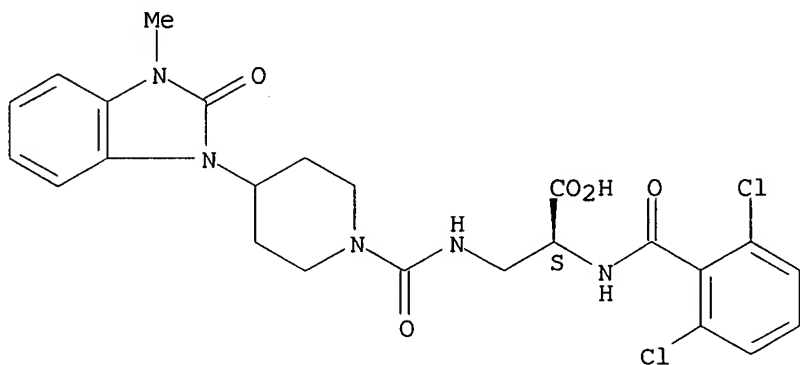
Absolute stereochemistry.



RN 607395-51-7 CAPLUS

CN L-Alanine, N-(2,6-dichlorobenzoyl)-3-[[[4-(2,3-dihydro-3-methyl-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]carbonyl]amino]- (9CI) (CA INDEX NAME)

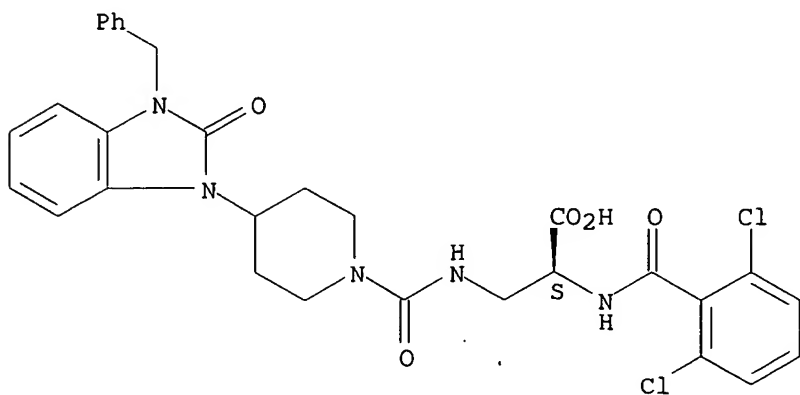
Absolute stereochemistry.



RN 607395-53-9 CAPLUS

CN L-Alanine, N-(2,6-dichlorobenzoyl)-3-[[[4-[2,3-dihydro-2-oxo-3-(phenylmethyl)-1H-benzimidazol-1-yl]-1-piperidinyl]carbonyl]amino]- (9CI) (CA INDEX NAME)

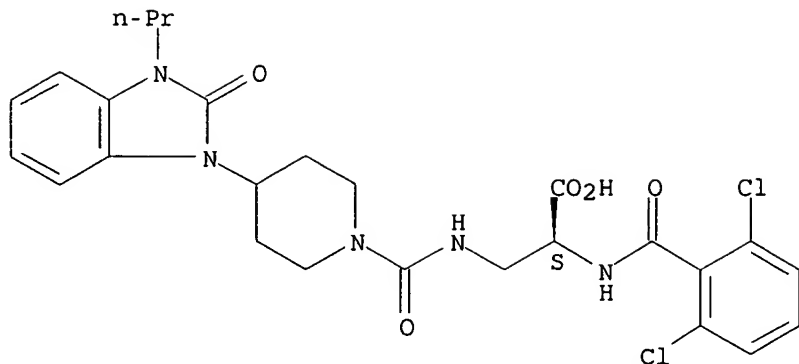
Absolute stereochemistry.



RN 607395-55-1 CAPLUS

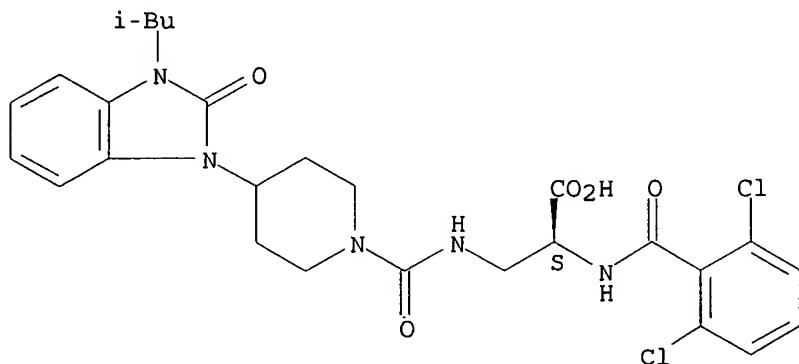
CN L-Alanine, N-(2,6-dichlorobenzoyl)-3-[[[4-(2,3-dihydro-2-oxo-3-propyl-1H-benzimidazol-1-yl)-1-piperidinyl]carbonyl]amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 607395-57-3 CAPLUS
 CN L-Alanine, N-(2,6-dichlorobenzoyl)-3-[[[4-[2,3-dihydro-3-(2-methylpropyl)-2-oxo-1H-benzimidazol-1-yl]-1-piperidinyl]carbonyl]amino]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



L8 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2002:240774 CAPLUS
 DOCUMENT NUMBER: 136:279698
 TITLE: Preparation of 2-amino-3-[(triazaspiroalkanecarbonyl)amino]propanoic acid derivatives as adhesion molecule inhibitors
 INVENTOR(S): Takahashi, Toshiya; Ishigaki, Takeshi; Funahashi, Miyuki; Taniguchi, Koji; Kaneko, Masayuki; Kainoh, Mie; Meguro, Hiroyuki
 PATENT ASSIGNEE(S): Toray Industries, Inc., Japan
 SOURCE: PCT Int. Appl., 103 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002024697	A1	20020328	WO 2001-JP8290	20010925
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL,				

PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG,
 US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 AU 2001088114 A5 20020402 AU 2001-88114 20010925
 CA 2423007 AA 20030324 CA 2001-2423007 20010925
 EP 1329451 A1 20030723 EP 2001-967819 20010925
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
 US 2004087574 A1 20040506 US 2003-381367 20030325
 US 6919349 B2 20050719
 PRIORITY APPLN. INFO.: JP 2000-289658 A 20000925
 WO 2001-JP8290 W 20010925

OTHER SOURCE(S): MARPAT 136:279698

IT 406478-62-4P 406478-63-5P 406478-64-6P

406478-65-7P 406478-66-8P 406478-67-9P

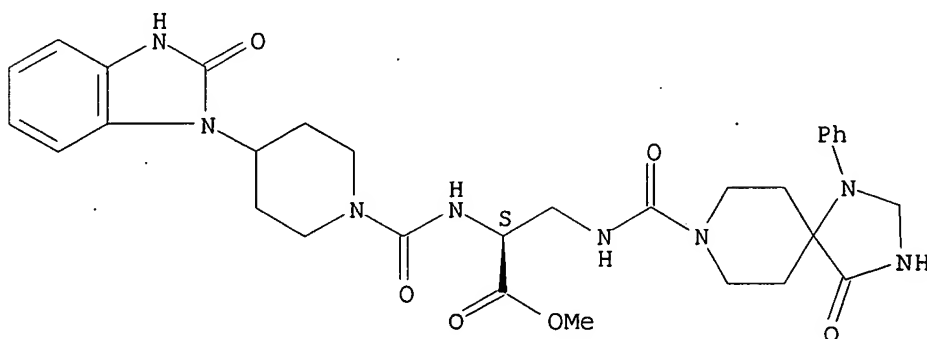
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
 (Uses)

(preparation of amino[(triazaspiroalkanecarbonyl)amino]propanoic acid
 derivs. as adhesion mol. inhibitors for treatment of inflammatory
 diseases)

RN 406478-62-4 CAPLUS

CN L-Alanine, N-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-
 piperidinyl]carbonyl]-3-[[[(4-oxo-1-phenyl-1,3,8-triazaspiro[4.5]dec-8-
 yl)carbonyl]amino]-, methyl ester (9CI) (CA INDEX NAME)

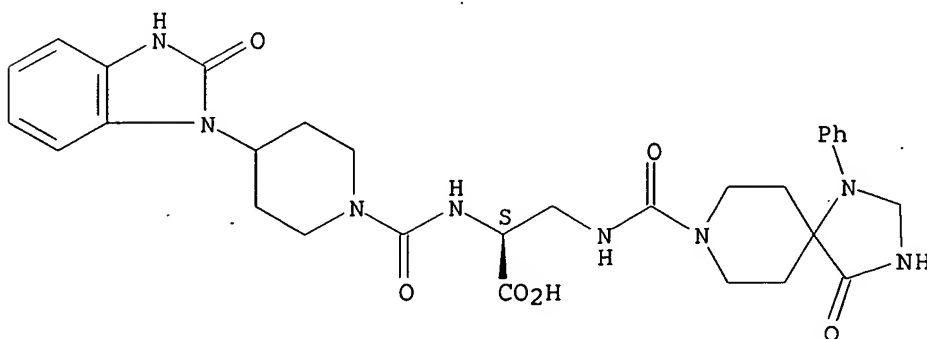
Absolute stereochemistry.



RN 406478-63-5 CAPLUS

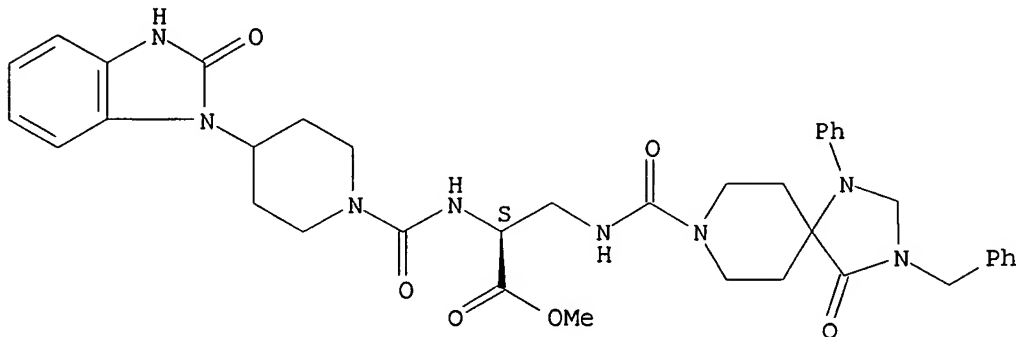
CN L-Alanine, N-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-
 piperidinyl]carbonyl]-3-[[[(4-oxo-1-phenyl-1,3,8-triazaspiro[4.5]dec-8-
 yl)carbonyl]amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



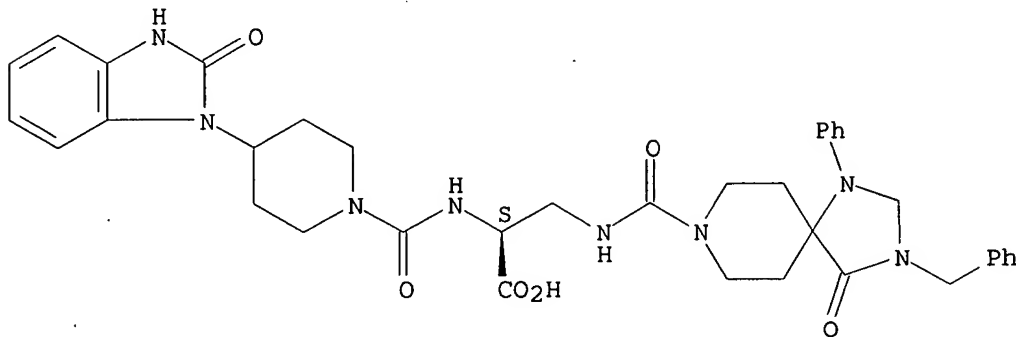
RN 406478-64-6 CAPLUS
 CN L-Alanine, N-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]carbonyl]-3-[[[4-oxo-1-phenyl-3-(phenylmethyl)-1,3,8-triazaspiro[4.5]dec-8-yl]carbonyl]amino]-, methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



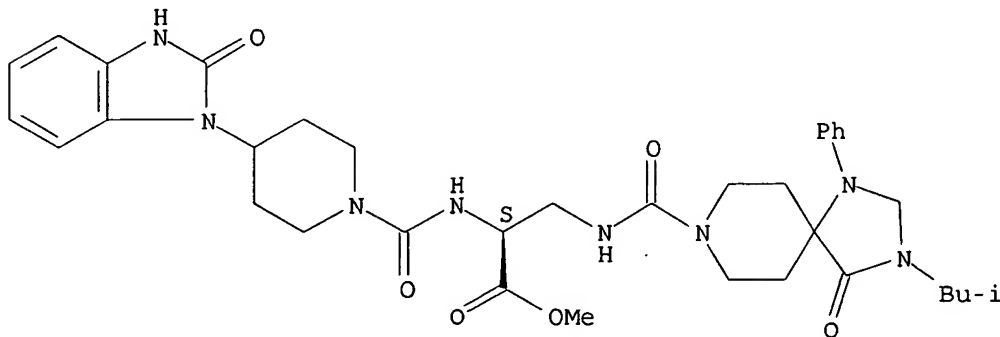
RN 406478-65-7 CAPLUS
 CN L-Alanine, N-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]carbonyl]-3-[[[4-oxo-1-phenyl-3-(phenylmethyl)-1,3,8-triazaspiro[4.5]dec-8-yl]carbonyl]amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



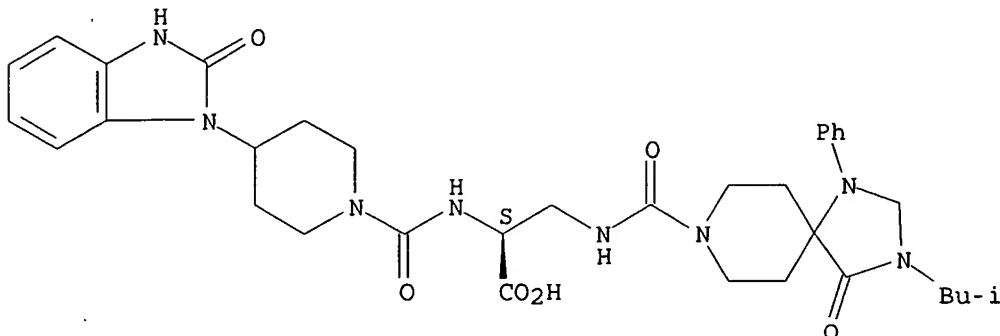
RN 406478-66-8 CAPLUS
 CN L-Alanine, N-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]carbonyl]-3-[[[3-(2-methylpropyl)-4-oxo-1-phenyl-1,3,8-triazaspiro[4.5]dec-8-yl]carbonyl]amino]-, methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



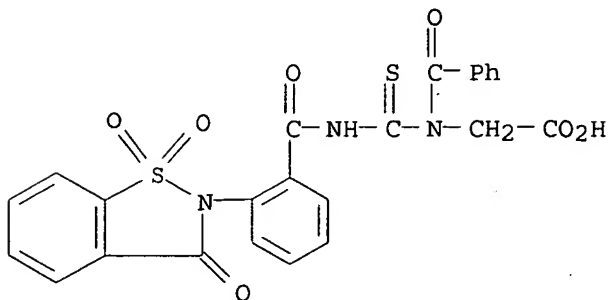
RN 406478-67-9 CAPLUS
 CN L-Alanine, N-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]carbonyl]-3-[[[3-(2-methylpropyl)-4-oxo-1-phenyl-1,3,8-triazaspiro[4.5]dec-8-yl]carbonyl]amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

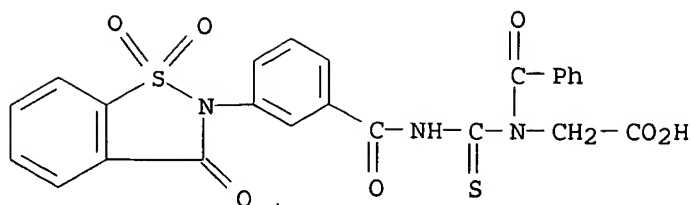


REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2000:92322 CAPLUS
 DOCUMENT NUMBER: 132:279137
 TITLE: Synthesis and reactions of saccharinylbenzoyl isothiocyanates
 AUTHOR(S): Arief, M. M. H.; Amine, M. S.; Eissa, A. M. F.
 CORPORATE SOURCE: Chemistry Department, Faculty of Science, Benha University, Benha, Egypt
 SOURCE: Egyptian Journal of Chemistry (1999), 42(6), 563-571
 CODEN: EGJCA3; ISSN: 0449-2285
 PUBLISHER: National Information and Documentation Centre
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 263892-79-1P 263892-81-5P 263892-83-7P
 263892-91-7P 263892-93-9P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and reactions of saccharinylbenzoyl isothiocyanates)
 RN 263892-79-1 CAPLUS
 CN Glycine, N-benzoyl-N-[[[2-(1,1-dioxido-3-oxo-1,2-benzisothiazol-2(3H)-yl)benzoyl]amino]thioxomethyl]- (9CI) (CA INDEX NAME)

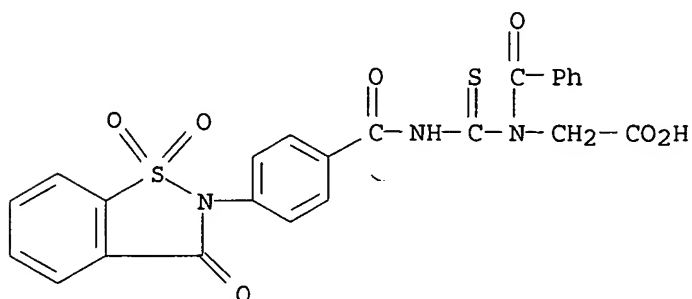


RN 263892-81-5 CAPLUS
 CN Glycine, N-benzoyl-N-[[[3-(1,1-dioxido-3-oxo-1,2-benzisothiazol-2(3H)-yl)benzoyl]amino]thioxomethyl]- (9CI) (CA INDEX NAME)



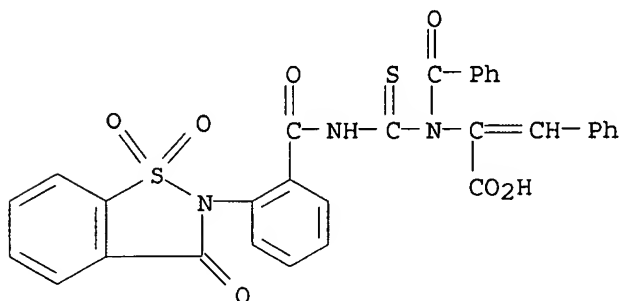
RN 263892-83-7 CAPLUS

CN Glycine, N-benzoyl-N-[[4-(1,1-dioxido-3-oxo-1,2-benzisothiazol-2(3H)-yl)benzoyl]amino]thioxomethyl]- (9CI) (CA INDEX NAME)



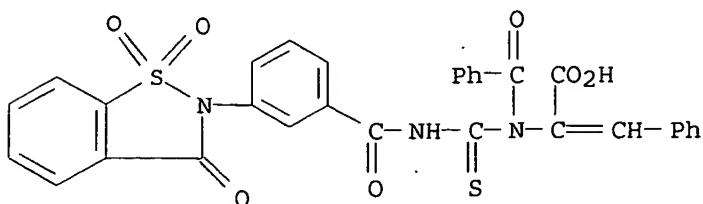
RN 263892-91-7 CAPLUS

CN 2-Propenoic acid, 2-[benzoyl[[[2-(1,1-dioxido-3-oxo-1,2-benzisothiazol-2(3H)-yl)benzoyl]amino]thioxomethyl]amino]-3-phenyl- (9CI) (CA INDEX NAME)



RN 263892-93-9 CAPLUS

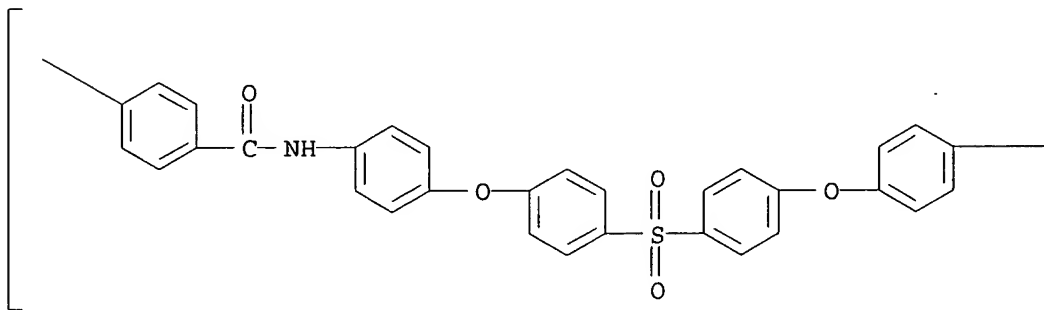
CN 2-Propenoic acid, 2-[benzoyl[[[3-(1,1-dioxido-3-oxo-1,2-benzisothiazol-2(3H)-yl)benzoyl]amino]thioxomethyl]amino]-3-phenyl- (9CI) (CA INDEX NAME)



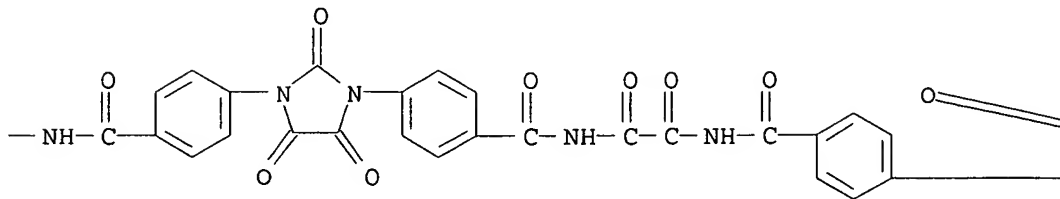
REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

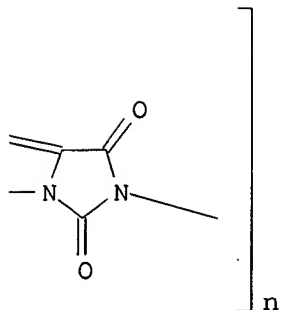
L8 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1993:581390 CAPLUS
DOCUMENT NUMBER: 119:181390
TITLE: Polyhydrazides and poly(1,3,4-oxadiazoles) with parabanic structures
AUTHOR(S): Caraculacu, Georgeta; Gaina, Constantin; Gaina, Viorica; Caraculacu, Adrian A.; Diaconu, Ilie
CORPORATE SOURCE: Inst. Macromol. Chem. "P. Poni", Iasi, 6600, Rom.
SOURCE: European Polymer Journal (1993), 29(8), 1143-7
CODEN: EUPJAG; ISSN: 0014-3057
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 150431-59-7P 150431-60-0P
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation) (preparation and elec. resistance of)
RN 150431-59-7 CAPLUS
CN Poly[(2,4,5-trioxo-1,3-imidazolidinediyl)-1,4-phenylenecarbonylimino(1,2-dioxo-1,2-ethanediyl)iminocarbonyl-1,4-phenylene(2,4,5-trioxo-1,3-imidazolidinediyl)-1,4-phenylenecarbonylimino-1,4-phenyleneoxy-1,4-phenylenesulfonyl-1,4-phenyleneoxy-1,4-phenyleneiminocarbonyl-1,4-phenylene] (9CI) (CA INDEX NAME)

PAGE 1-A

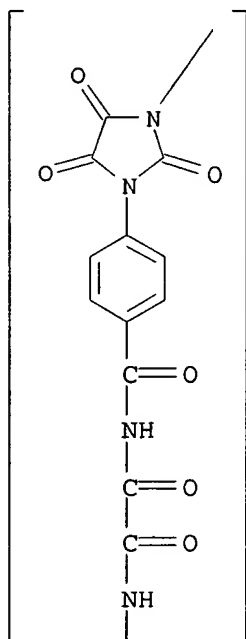


PAGE 1-B

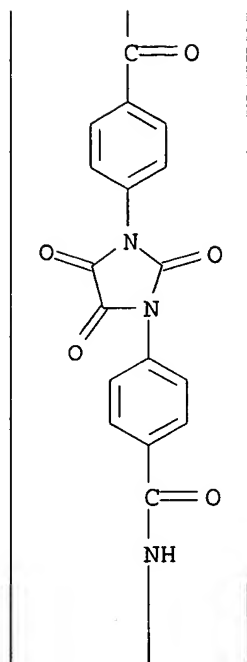




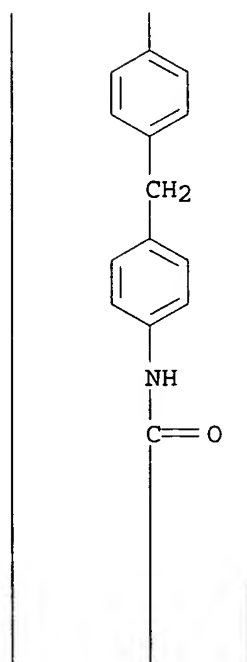
RN 150431-60-0 CAPLUS
 CN Poly[(2,4,5-trioxo-1,3-imidazolidinediyl)-1,4-phenylenecarbonylimino(1,2-dioxo-1,2-ethanediyl)iminocarbonyl-1,4-phenylene(2,4,5-trioxo-1,3-imidazolidinediyl)-1,4-phenylenecarbonylimino-1,4-phenylenemethylene-1,4-phenyleneiminocarbonyl-1,4-phenylene] (9CI) (CA INDEX NAME)

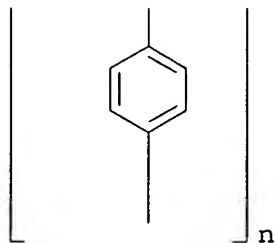


PAGE 2-A

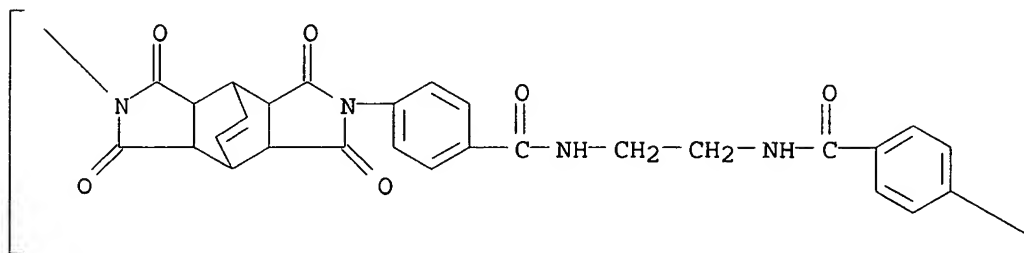


PAGE 3-A





L8 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1981:84573 CAPLUS
 DOCUMENT NUMBER: 94:84573
 TITLE: Poly(amido imides) containing a bicyclo[2.2.2]octene ring in their main chains
 AUTHOR(S): Kobayashi, Kesayoshi; Suzuki, Akira; Shimizu, Masamoto; Shirai, Hirofusa; Hojo, Nobumasa
 CORPORATE SOURCE: Fac. Text. Sci. Technol., Shinshu Univ., Ueda, 386, Japan
 SOURCE: Nippon Kagaku Kaishi (1980), (12), 1929-32
 CODEN: NKAKB8; ISSN: 0369-4577
 DOCUMENT TYPE: Journal
 LANGUAGE: Japanese
 IT 76585-98-3P
 RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
 (preparation and thermal properties of)
 RN 76585-98-3 CAPLUS
 CN Poly[(3a,4,4a,5,7,7a,8,8a-octahydro-1,3,5,7-tetraoxo-4,8-ethenobenzo[1,2-c:4,5-c']dipyrrole-2,6(1H,3H)-diyl)-1,4-phenylenecarbonylimino-1,2-ethanediyliminocarbonyl-1,4-phenylene] (9CI) (CA INDEX NAME)



L8 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1974:471055 CAPLUS
DOCUMENT NUMBER: 81:71055
TITLE: Color photographic sensitive materials
INVENTOR(S): Yanagi, Hajime; Ito, Susumu
PATENT ASSIGNEE(S): Oriental Photo Industrial Co., Ltd.
SOURCE: Jpn. Tokkyo Koho, 8 pp.

CODEN: JAXXAD

DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 48040423	B4	19731130	JP 1969-3943	19690120
PRIORITY APPLN. INFO.: IT 53248-73-0			JP 1969-3943	19690120

RL: TEM (Technical or engineered material use); USES (Uses)
(photog. cyan coupler)

RN 53248-73-0 CAPLUS

CN 1H-Isoindole-5-carboxylic acid, 2-[3-[[[2-[[[4-bromo-1-hydroxy-2-naphthalenyl)carbonyl]amino]ethyl]amino]carbonyl]-4-(octadecyloxy)phenyl]-2,3-dihydro-1,3-dioxo- (9CI) (CA INDEX NAME)

